

FIG. 1

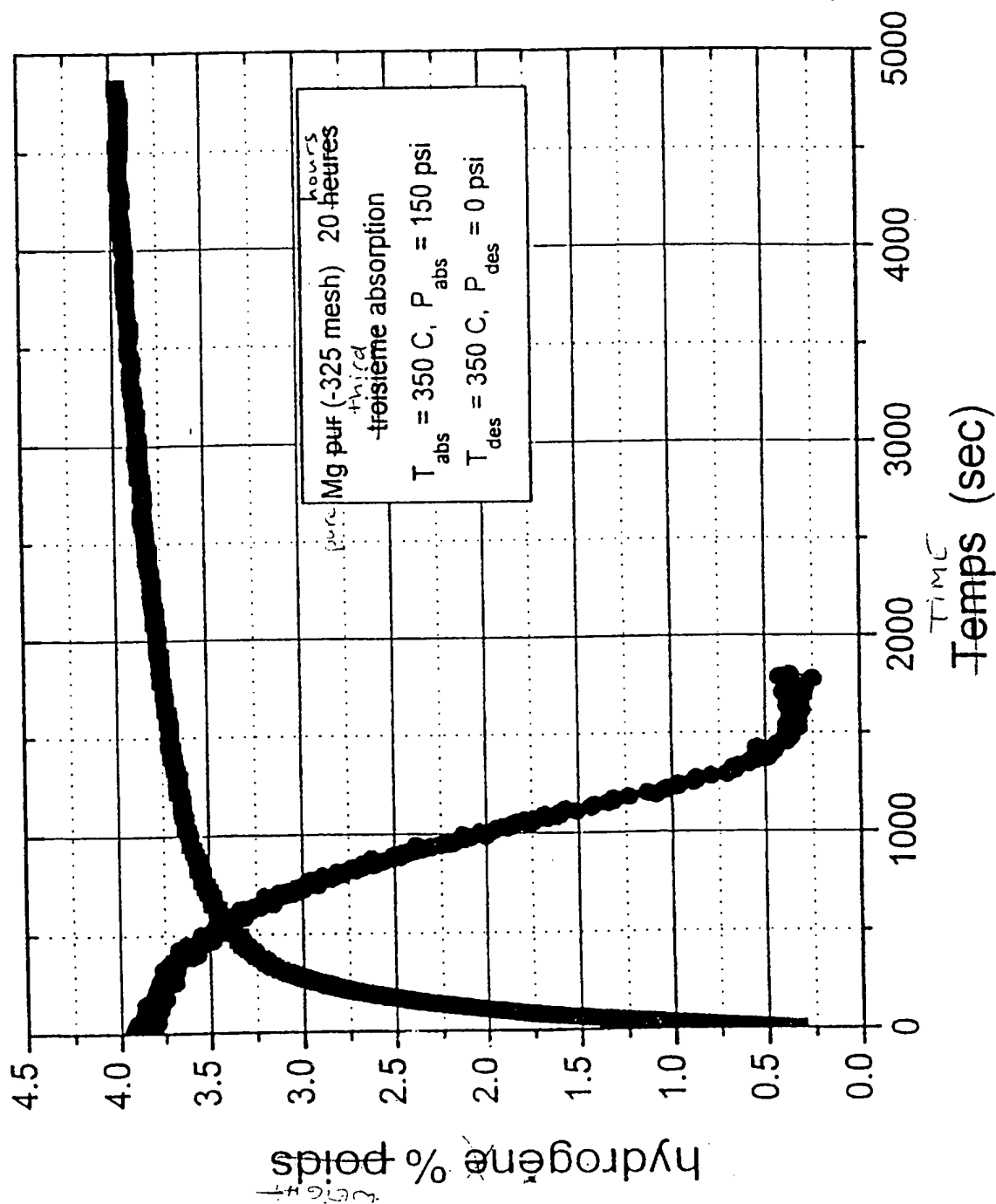


FIG. 2

Country	Year	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)	Population growth rate (%)	Urban population growth rate (%)	Population growth rate (%)	Urban population growth rate (%)	Population growth rate (%)	Urban population growth rate (%)
Algeria	1980	11.0	4.0	36.4	10.0	10.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	1985	11.5	4.5	39.1	10.5	10.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	1990	12.0	5.0	41.7	11.0	11.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	1995	12.5	5.5	44.0	11.5	11.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2000	13.0	6.0	46.2	12.0	12.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2005	13.5	6.5	48.1	12.5	12.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2010	14.0	7.0	50.0	13.0	13.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2015	14.5	7.5	51.7	13.5	13.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2020	15.0	8.0	53.3	14.0	14.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2025	15.5	8.5	54.8	14.5	14.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2030	16.0	9.0	56.3	15.0	15.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2035	16.5	9.5	57.6	15.5	15.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2040	17.0	10.0	58.8	16.0	16.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2045	17.5	10.5	60.0	16.5	16.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2050	18.0	11.0	61.1	17.0	17.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2055	18.5	11.5	62.2	17.5	17.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2060	19.0	12.0	63.2	18.0	18.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2065	19.5	12.5	64.1	18.5	18.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2070	20.0	13.0	65.0	19.0	19.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2075	20.5	13.5	65.9	19.5	19.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2080	21.0	14.0	66.7	20.0	20.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2085	21.5	14.5	67.4	20.5	20.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2090	22.0	15.0	68.2	21.0	21.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2095	22.5	15.5	68.9	21.5	21.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2100	23.0	16.0	69.6	22.0	22.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2105	23.5	16.5	70.2	22.5	22.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2110	24.0	17.0	70.8	23.0	23.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2115	24.5	17.5	71.4	23.5	23.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2120	25.0	18.0	72.0	24.0	24.0	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2125	25.5	18.5	72.6	24.5	24.5	1.5	1.5	1.5	1.5	1.5	1.5
Algeria	2130	26.0	19.0	73.1								

008290 01662560

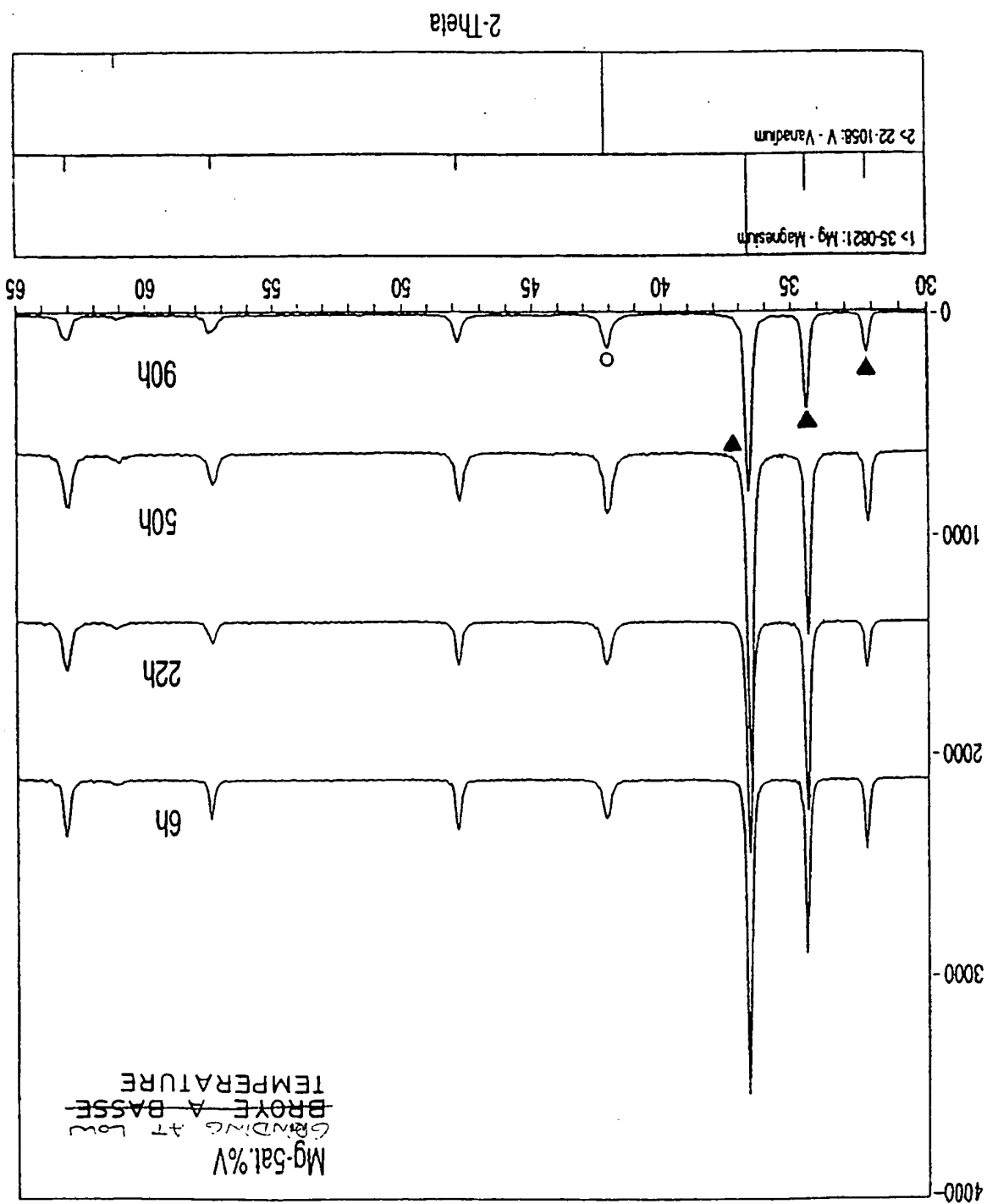


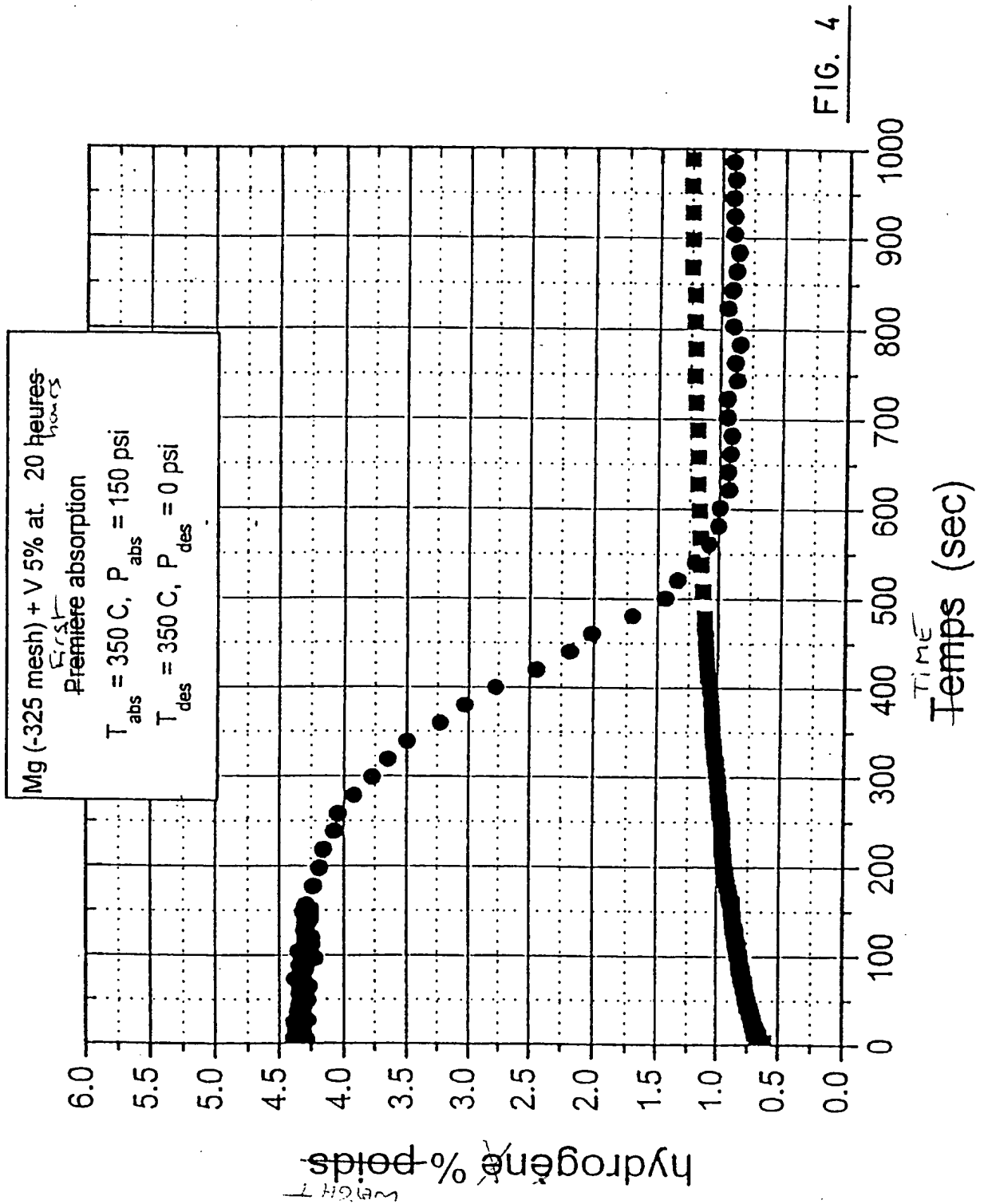
FIG. 3

3 / 40

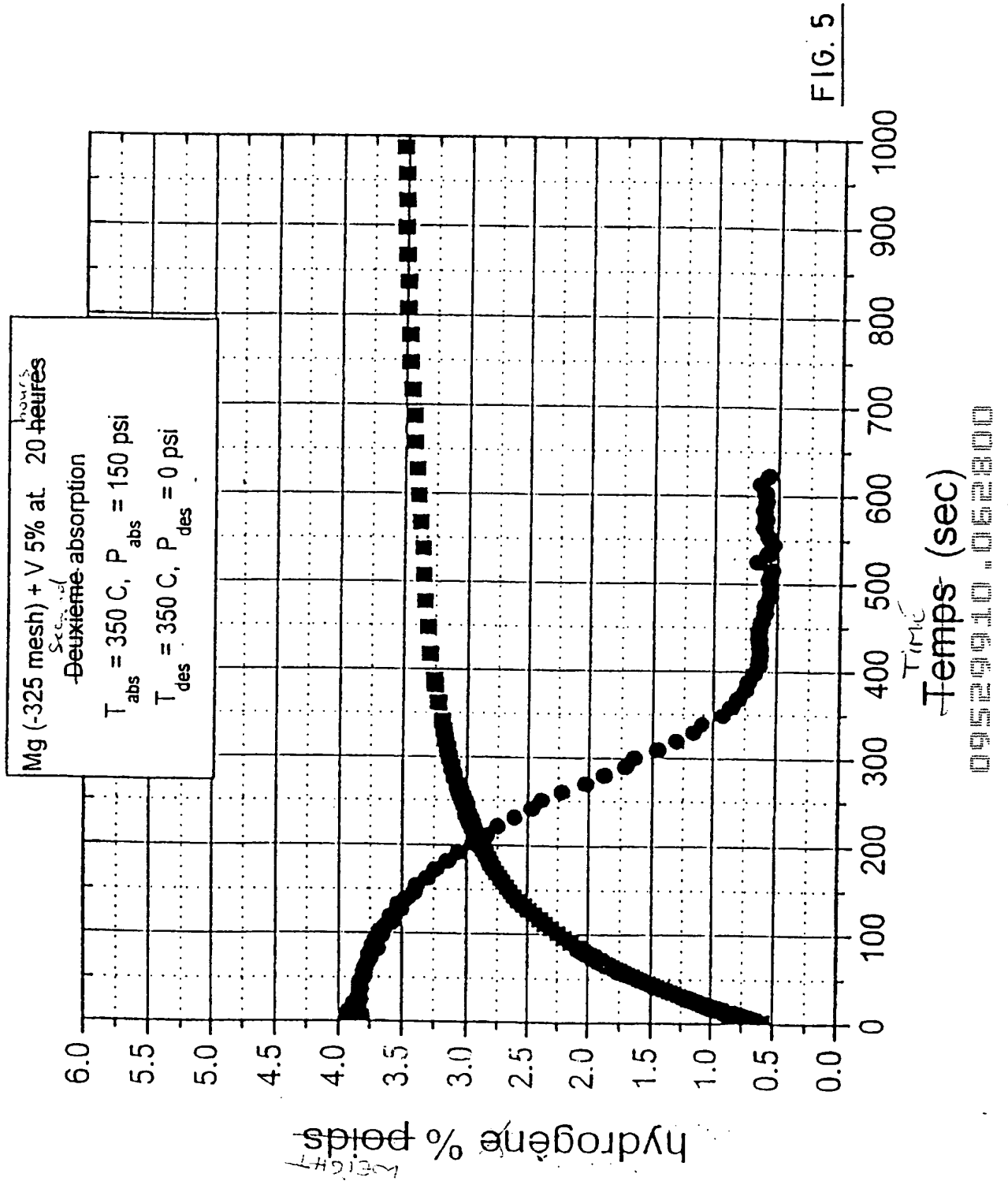
09/529910

PCT/CA98/00987

WO 99/20422



5 / 40



6/40

FIG. 6

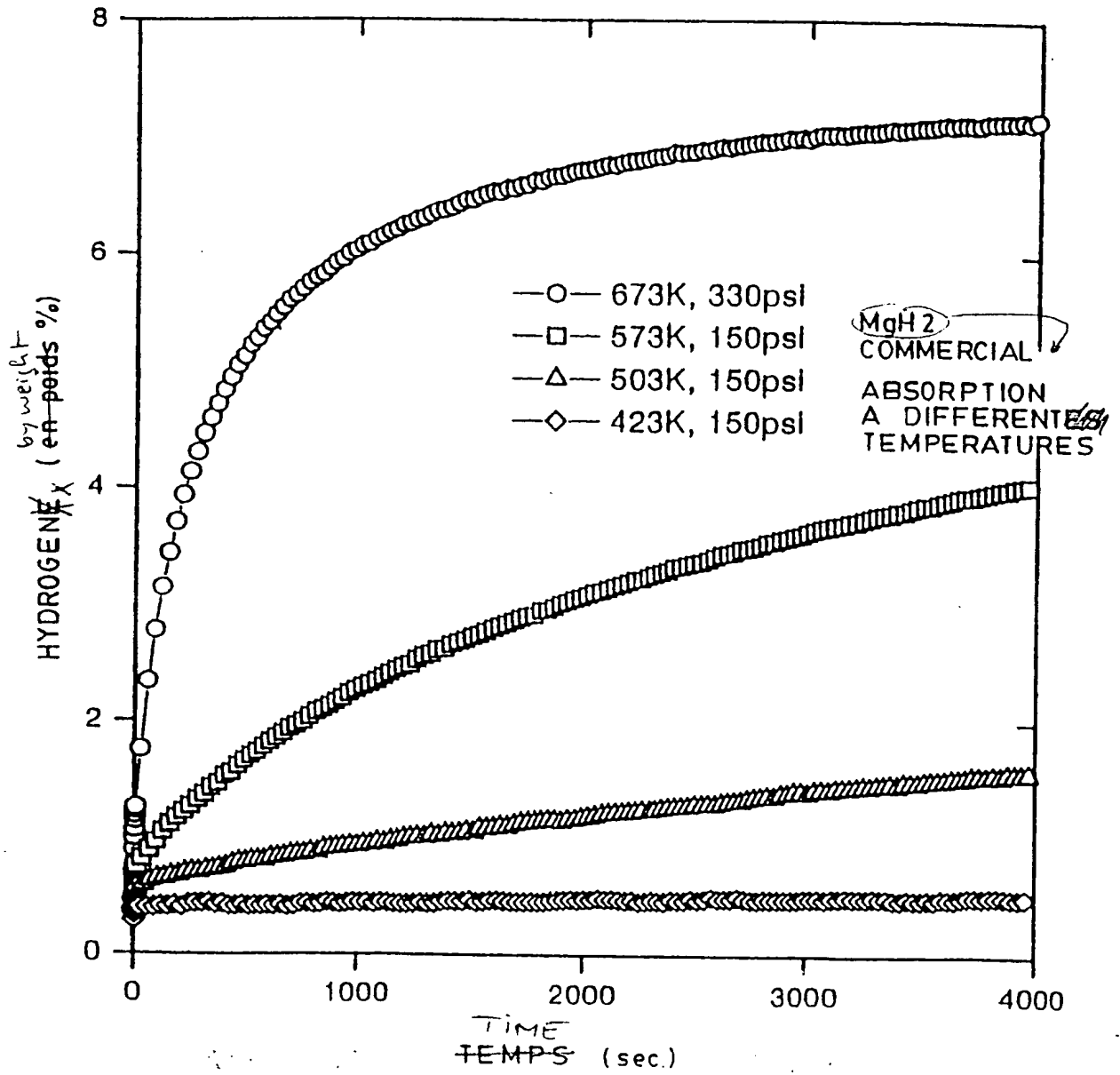
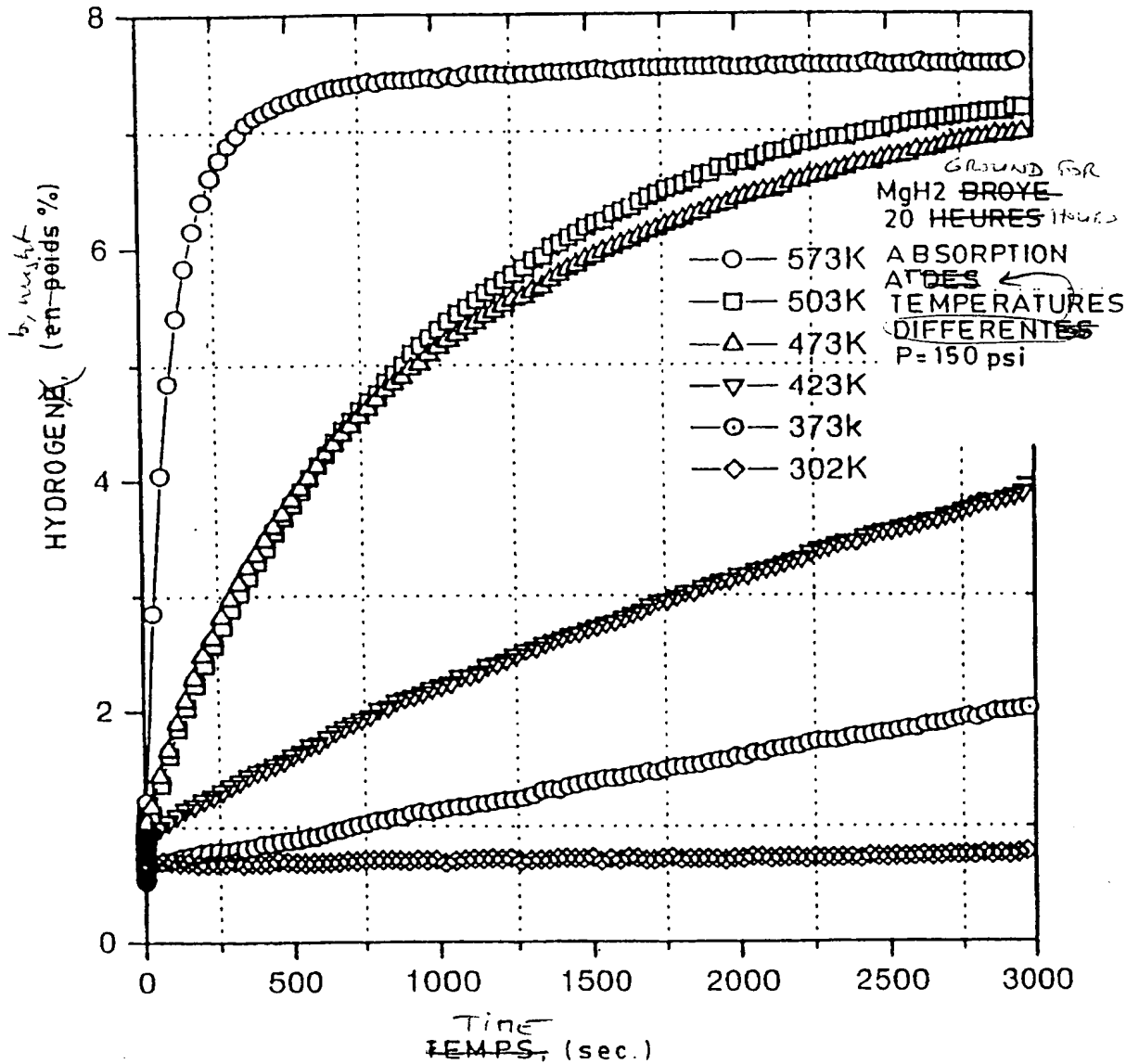
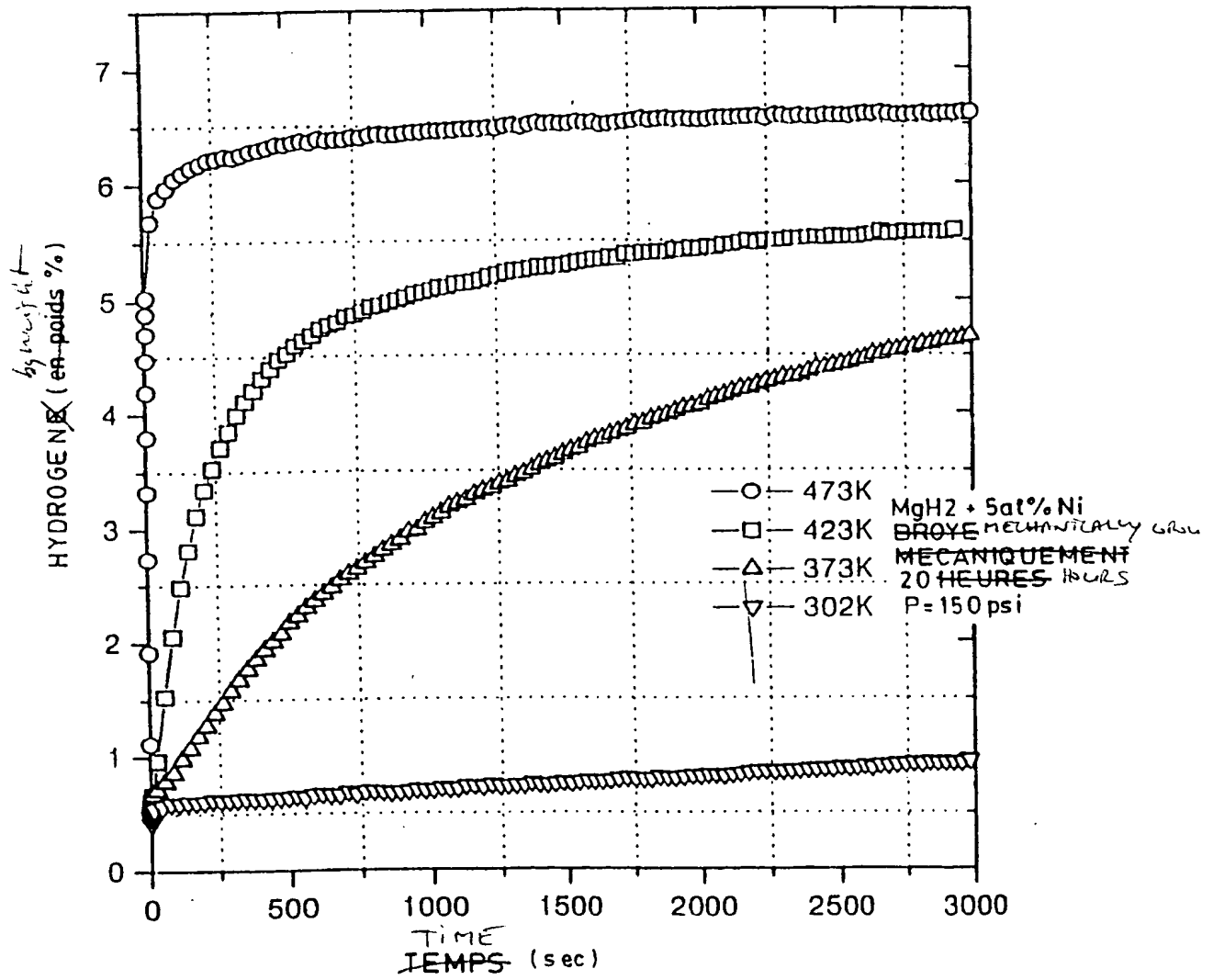


FIG. 7



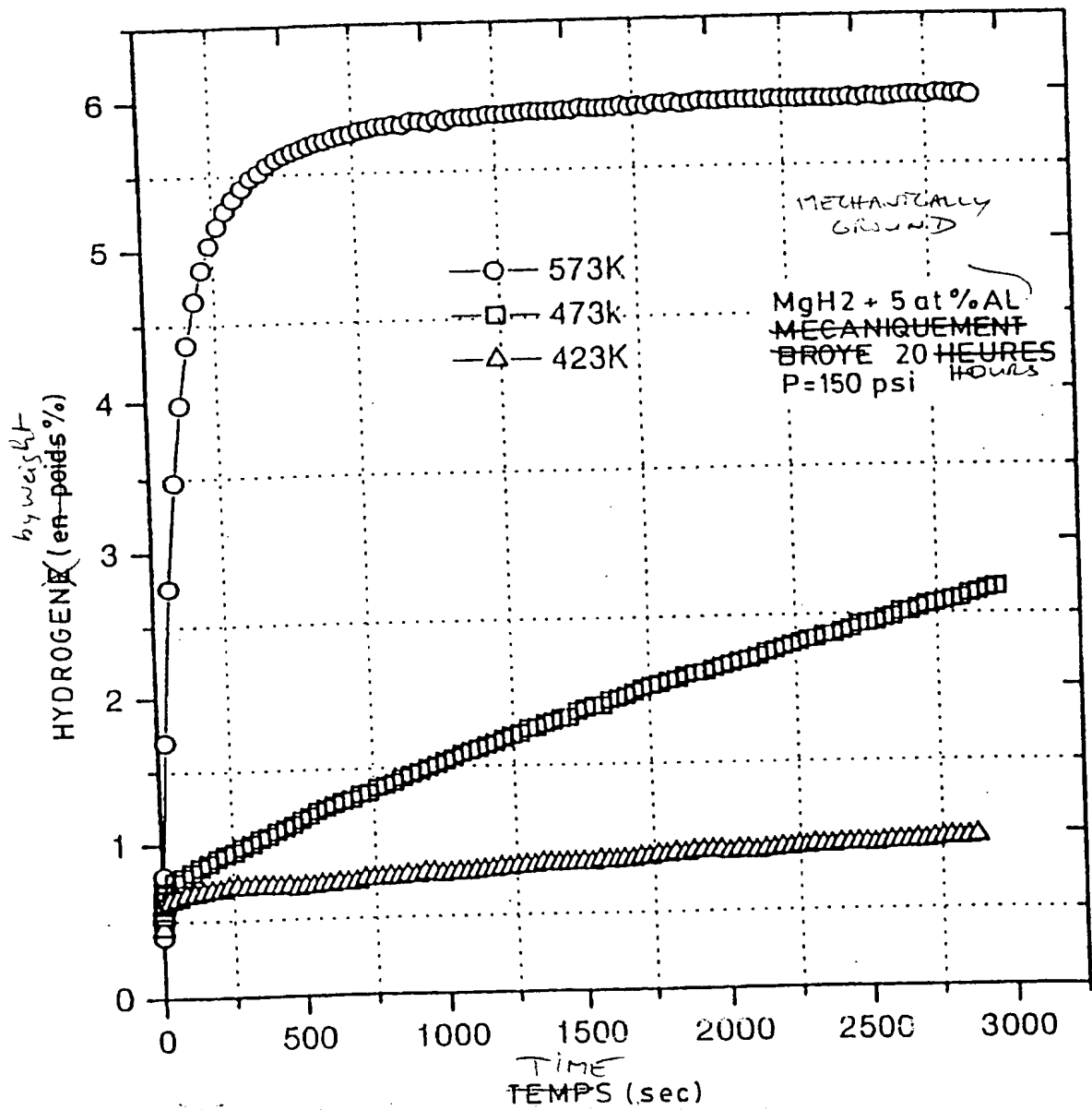
8 / 40

FIG. 8



9 / 40

FIG. 9



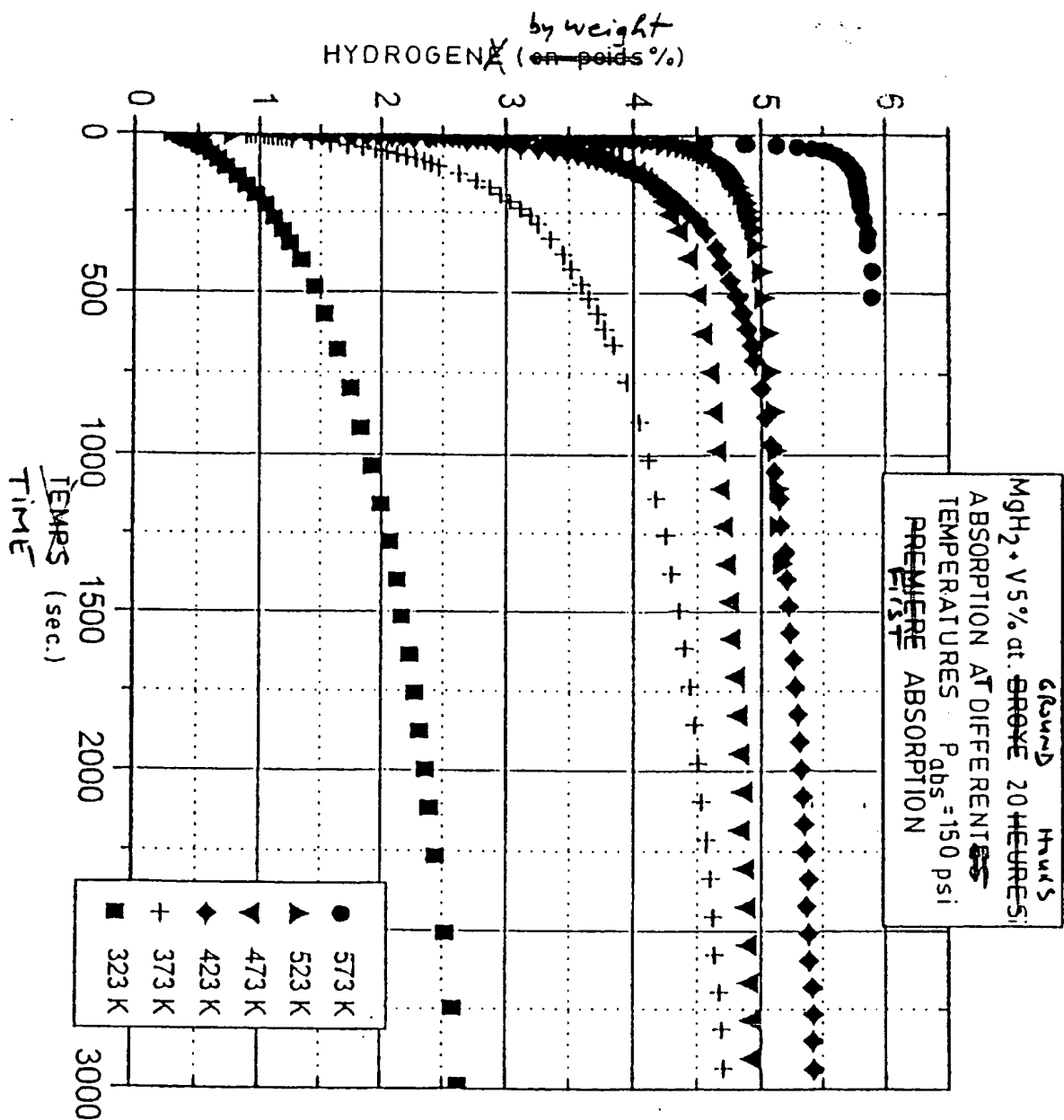


FIG. 10

09529910.062800

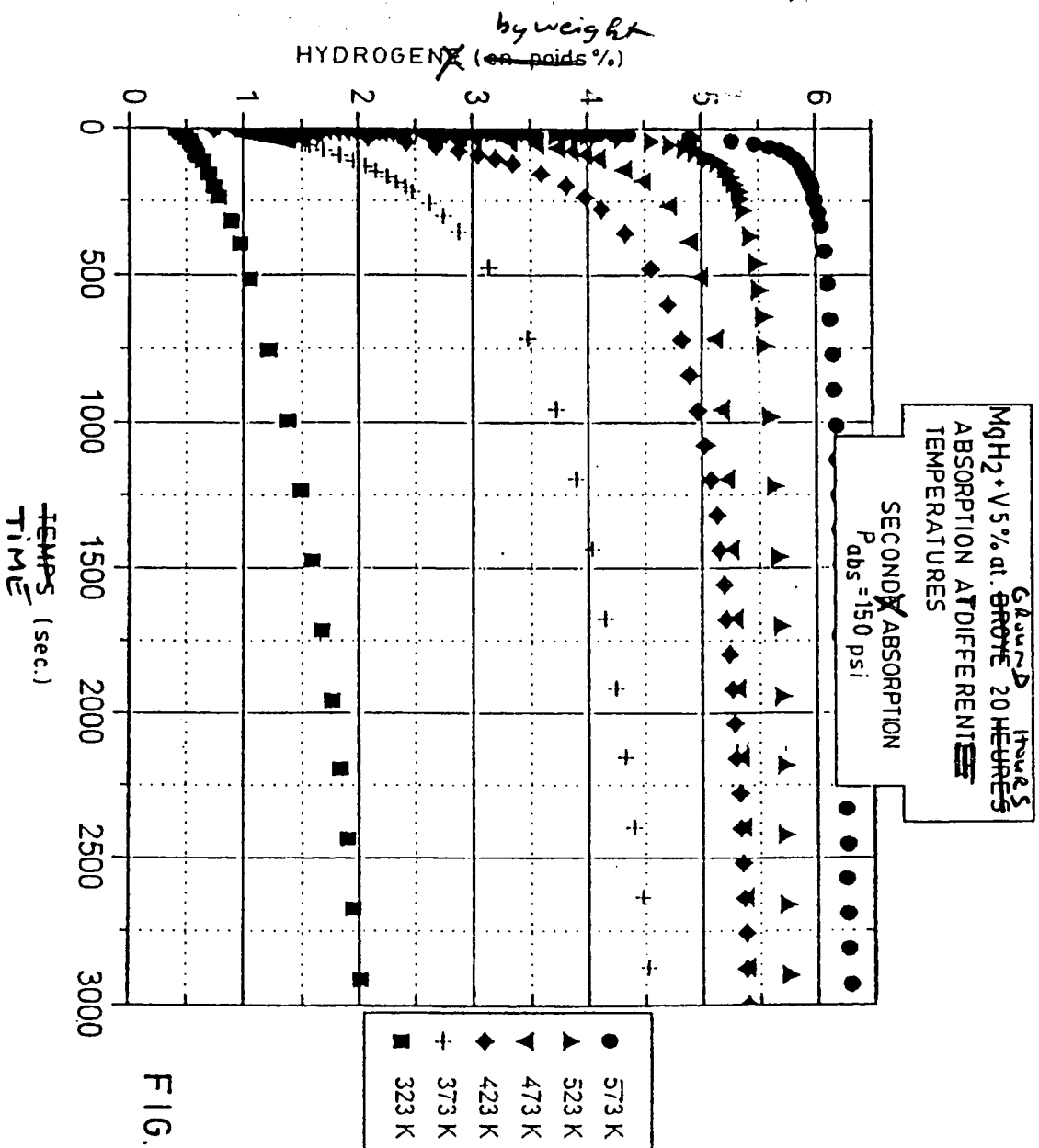
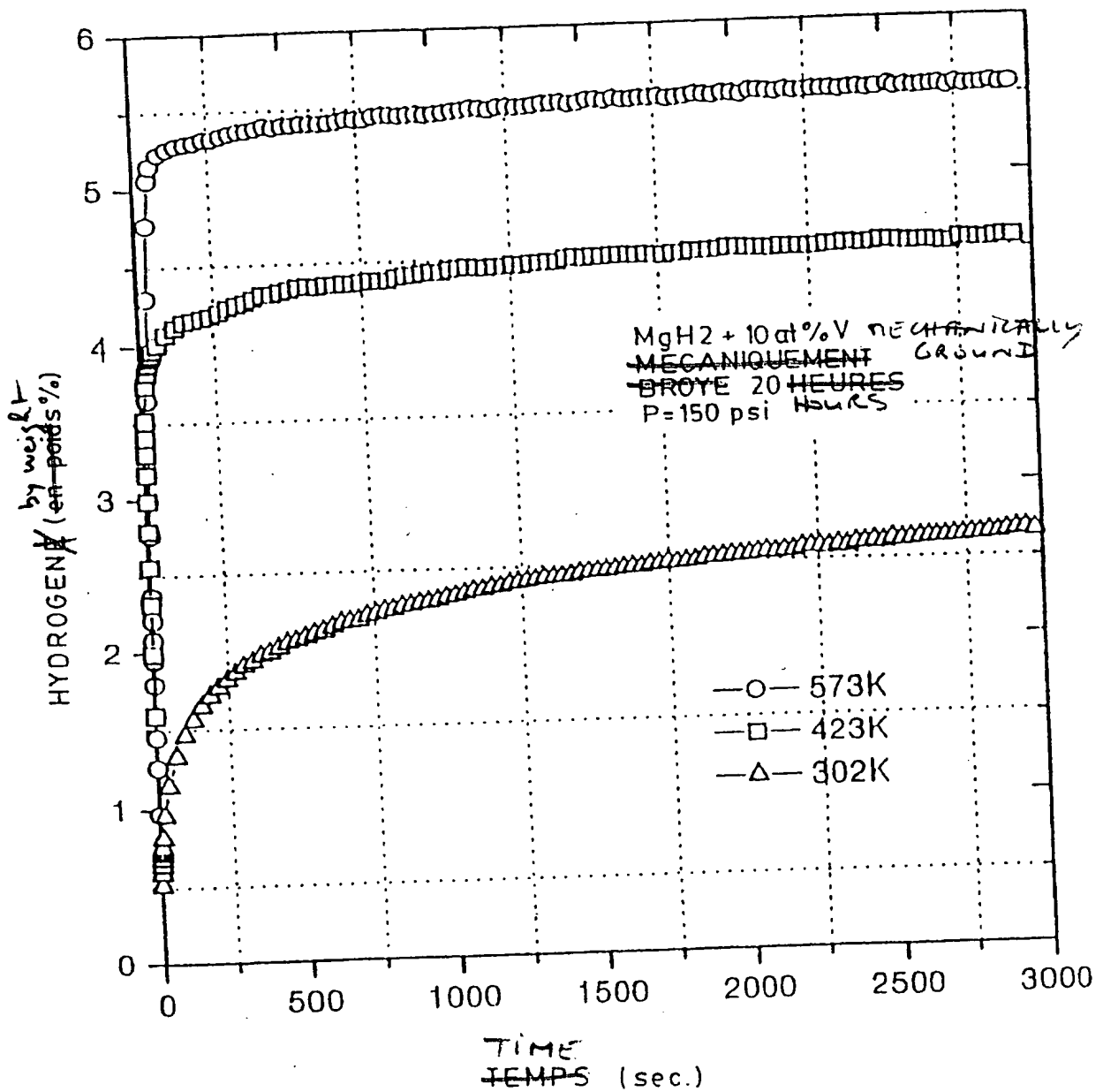


FIG. 11

11 / 40

12 / 40

FIG. 12



008290-01662560

008290" 01662560

WO 99/20422

074057330

09/529910

PCT/CA98/00987

13 / 40

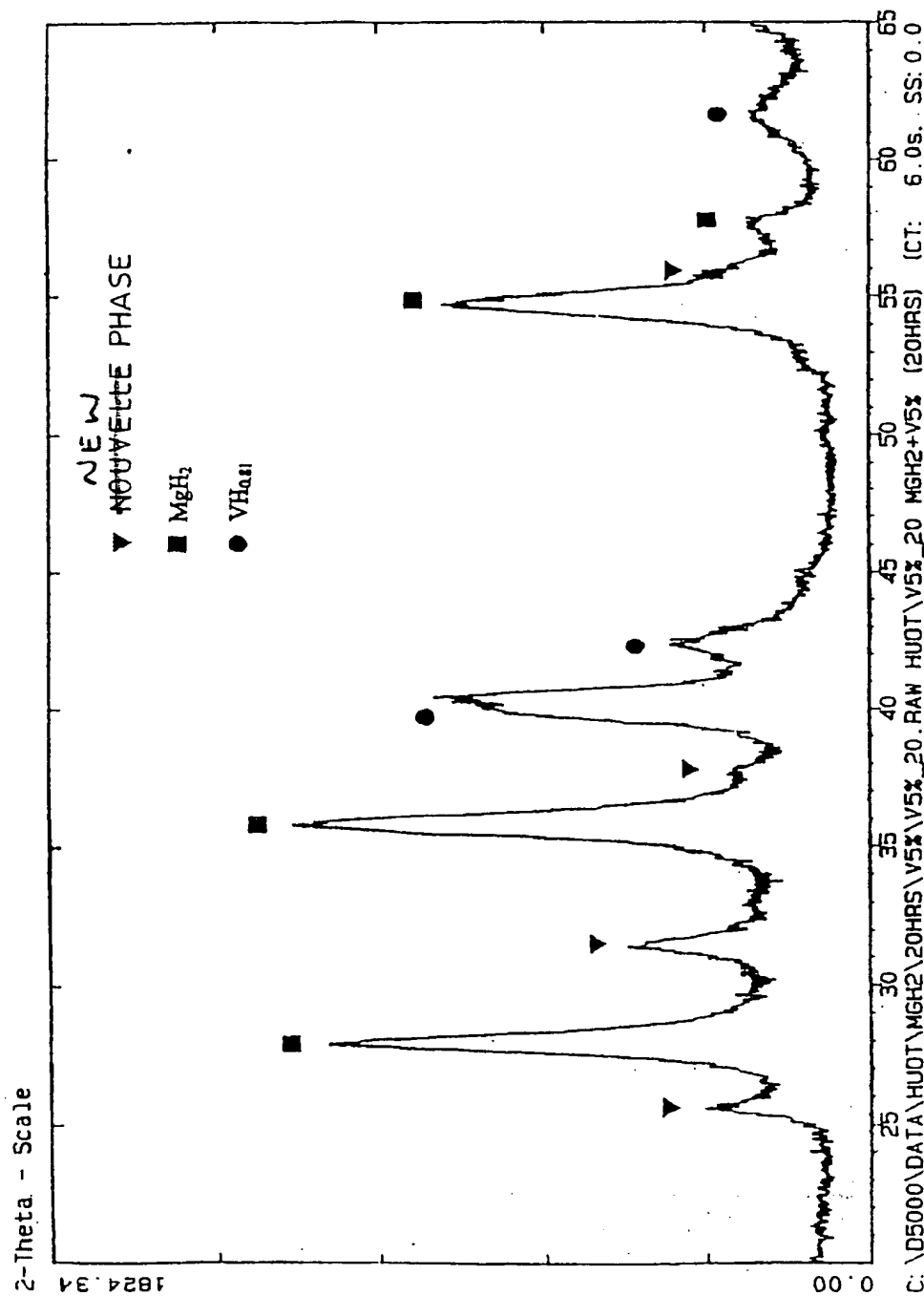


FIG. 13

003290" 01662560

WO 99/20422

09/529910

PCT/CA98/00987

14 / 40

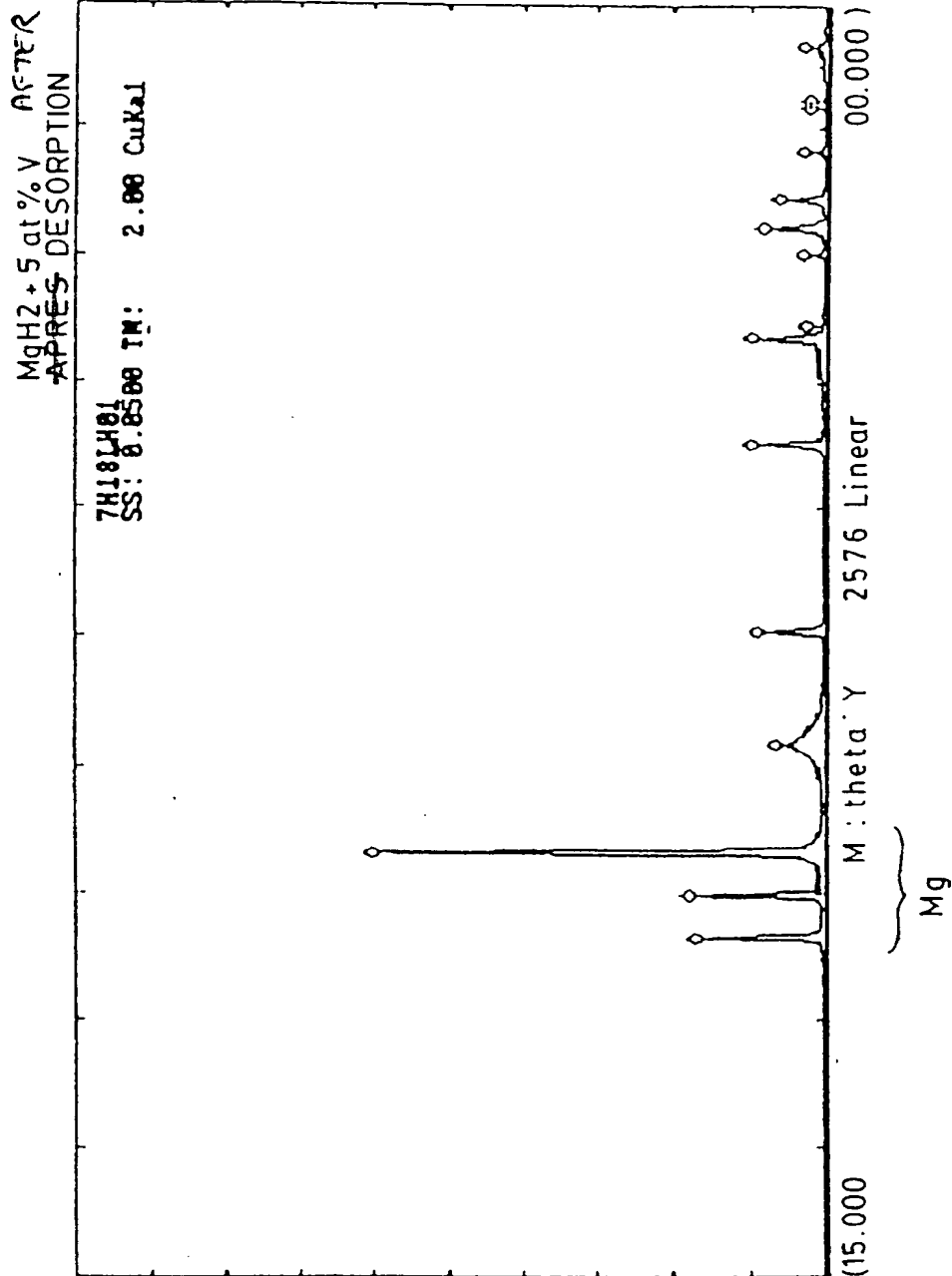


FIG. 14

15 / 40

008290" 07662560

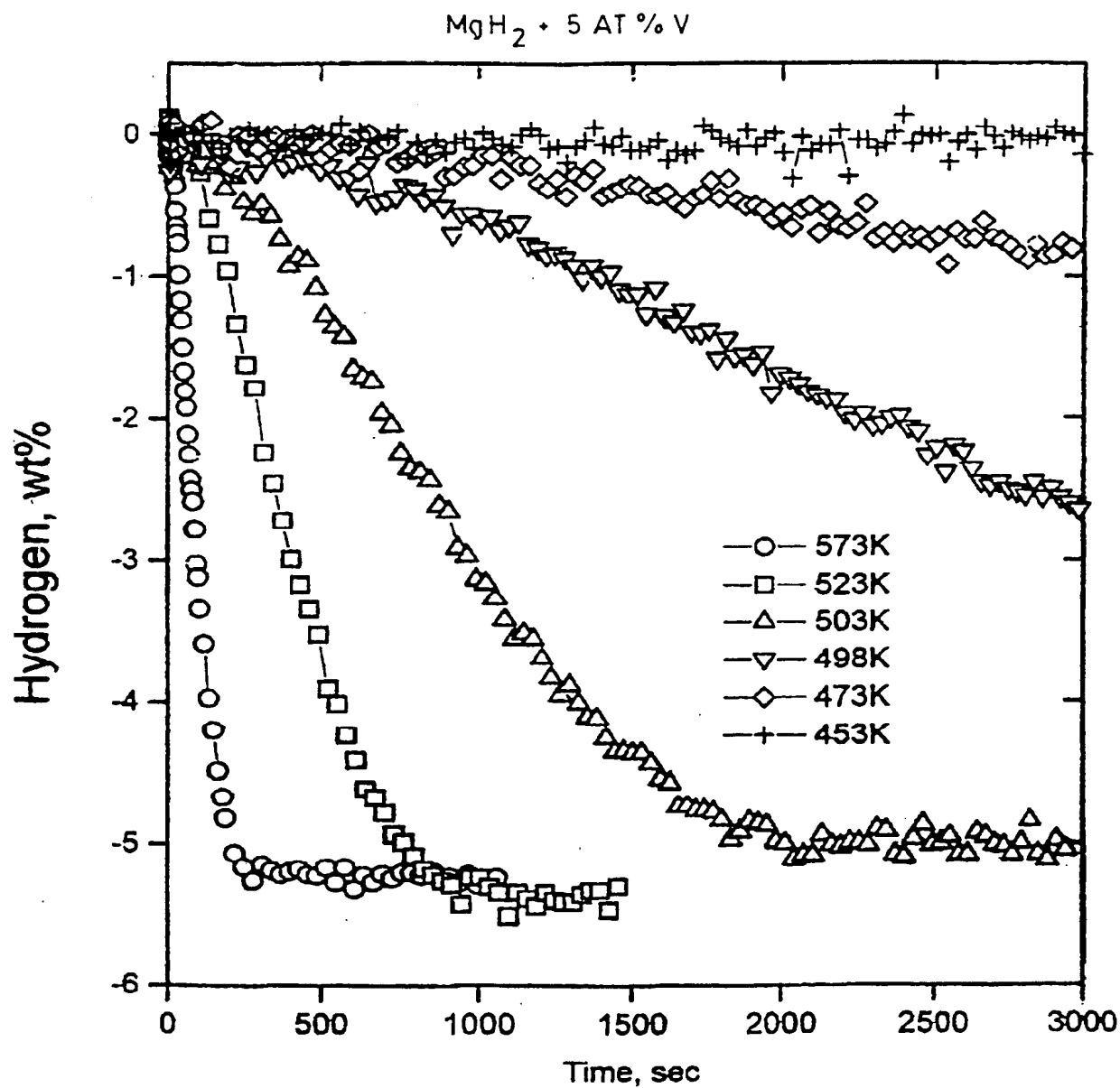


FIG. 15

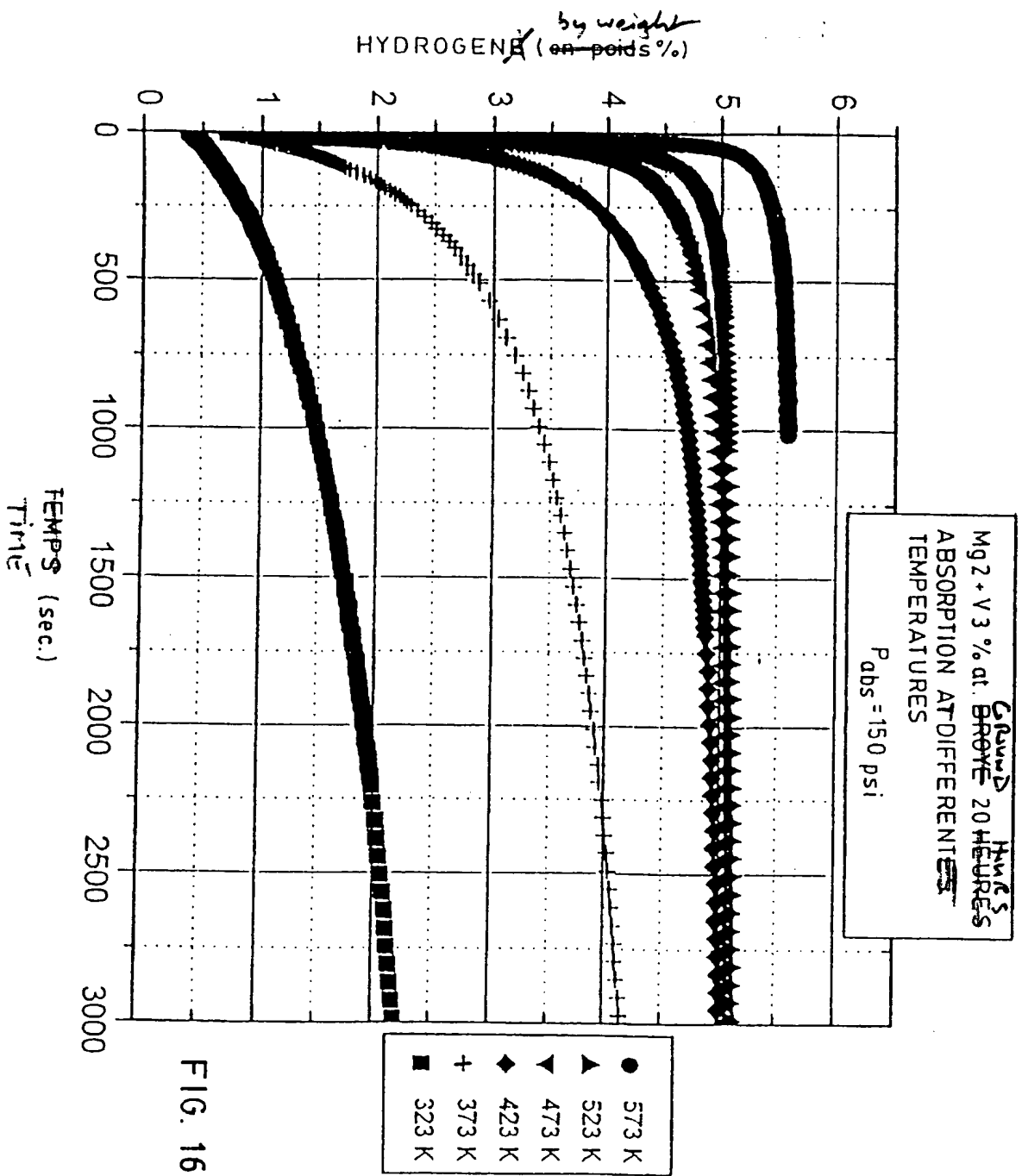


FIG. 16

16 / 40

09/529910

PCT/CA98/00987

WO 99/20422

09529910.062800

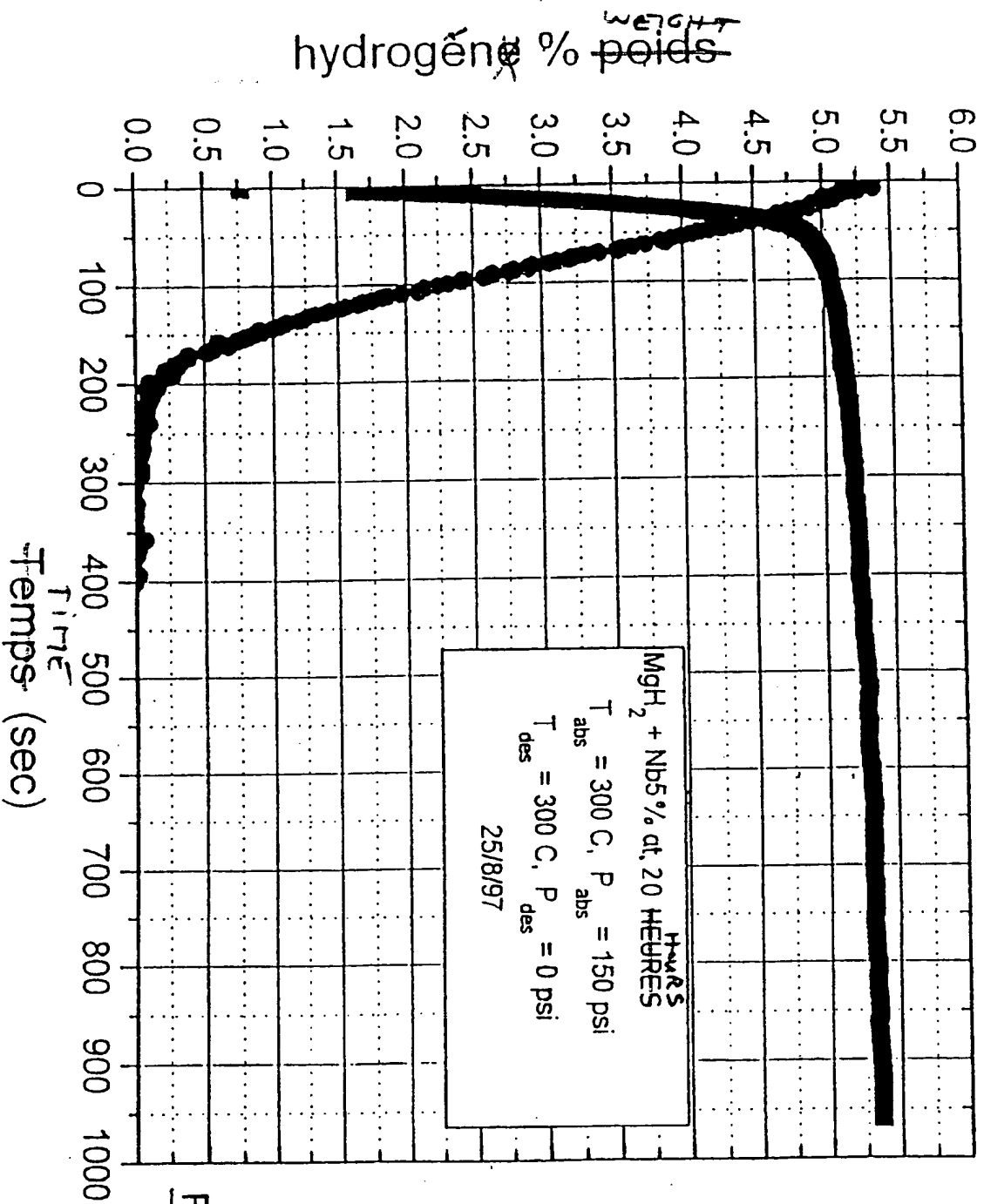


FIG. 17

17 / 40

09/529910

PCT/CA98/00987

WO 99/20422

09529910.062800

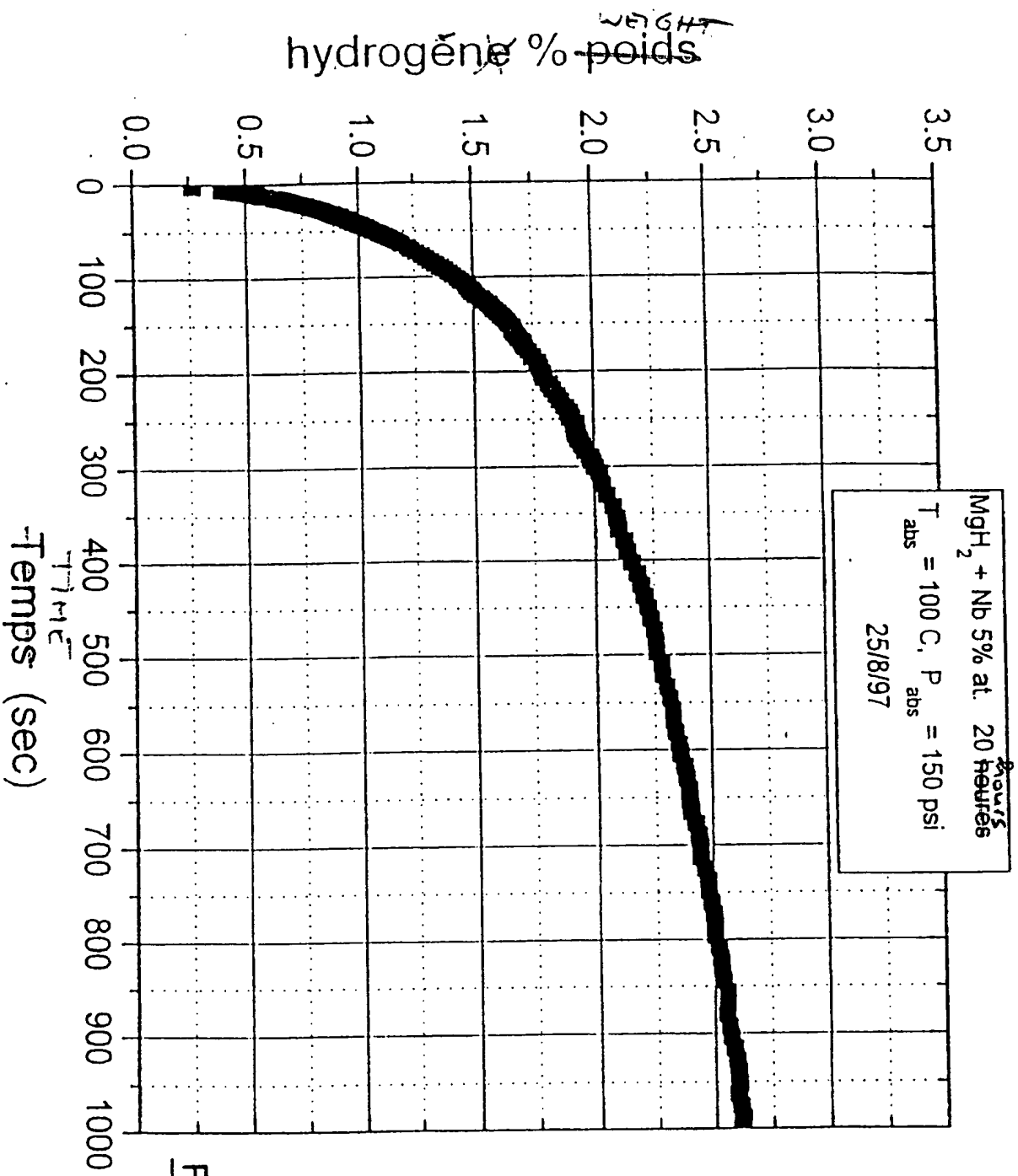


FIG. 18

18 / 40

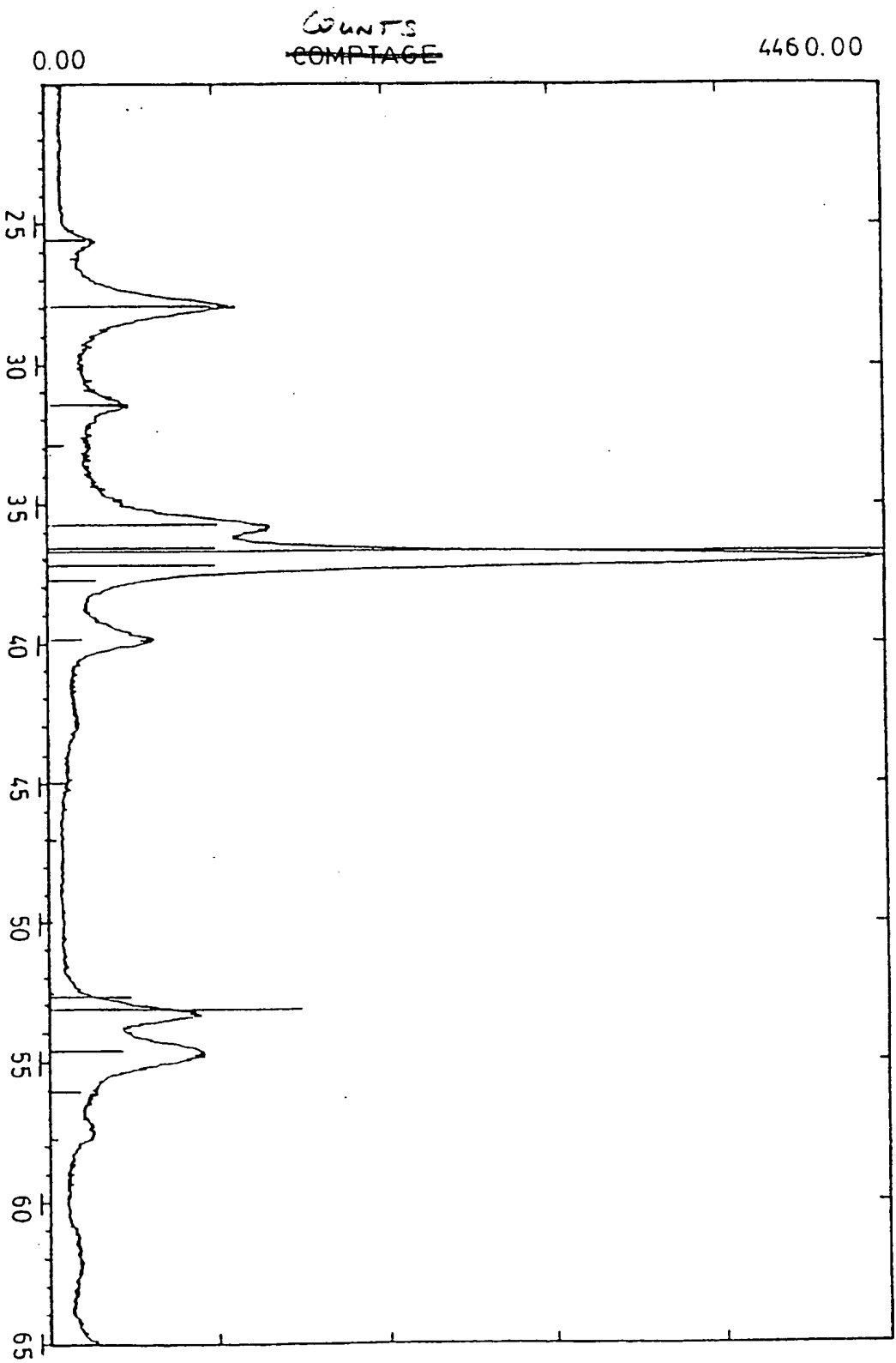


FIG. 19

09529910.062800

19 / 40

09/529910

PCT/CA98/00987

WO 99/20422

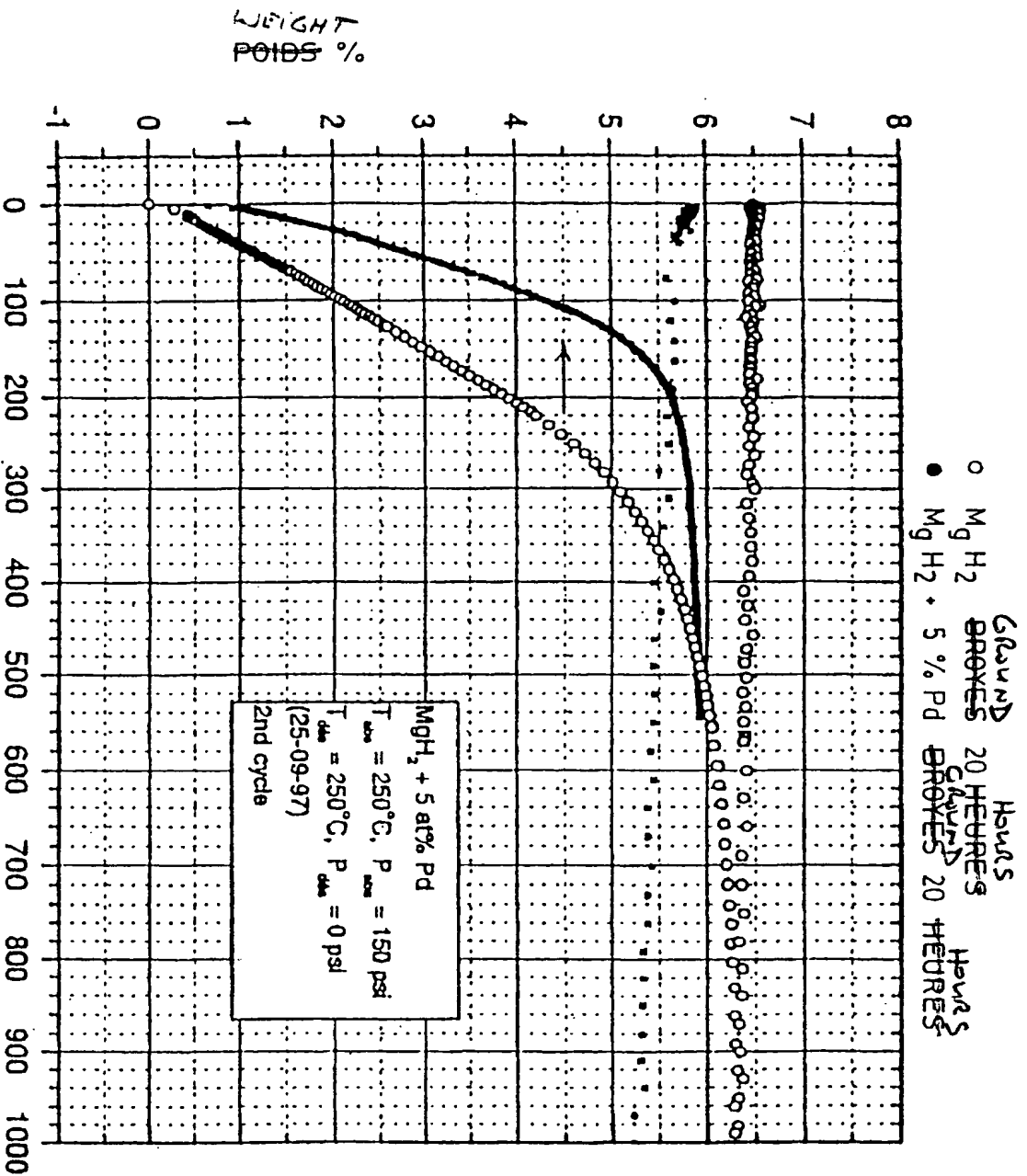


FIG. 20

09529910.0152800

20 / 40

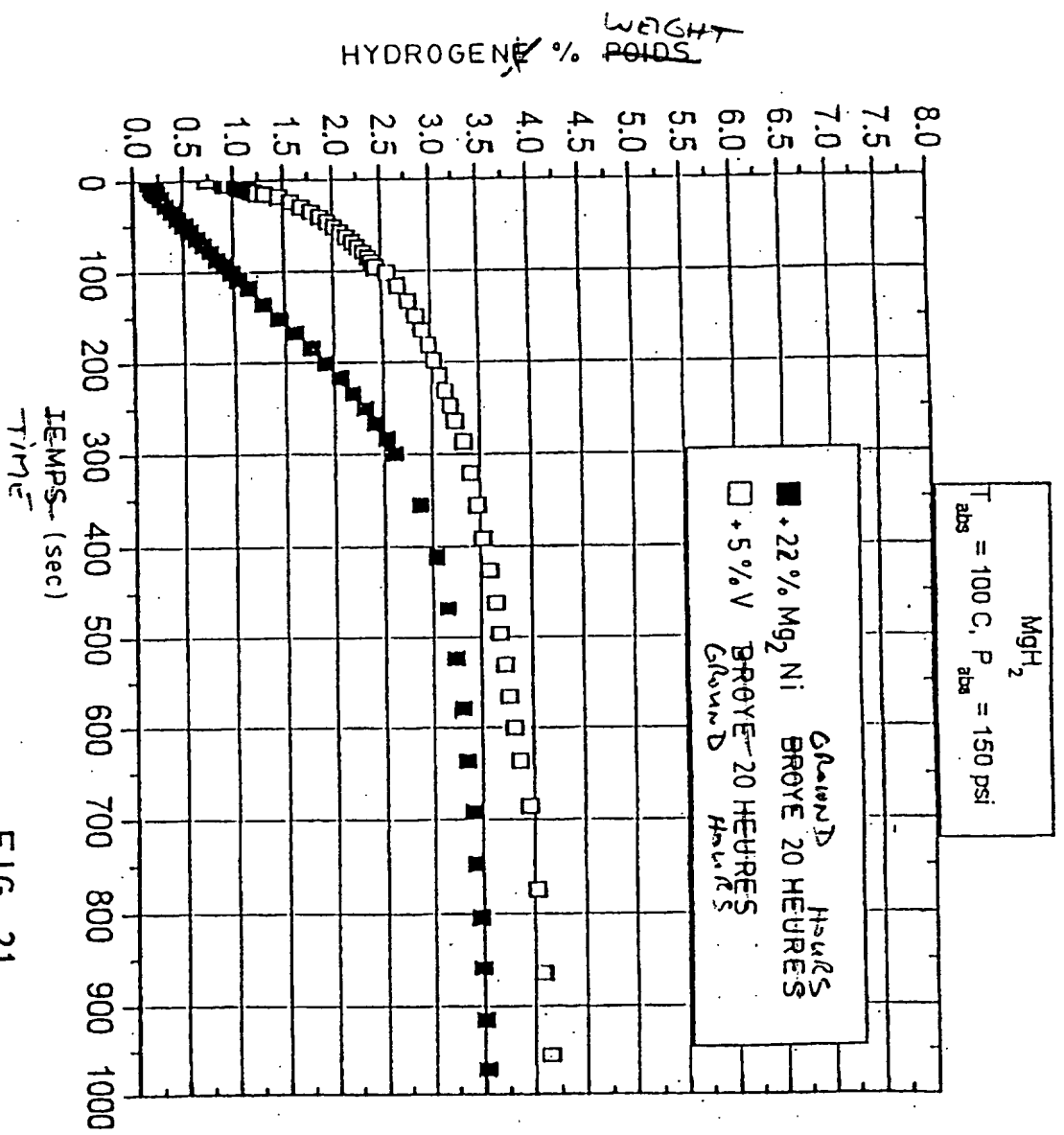


FIG. 21

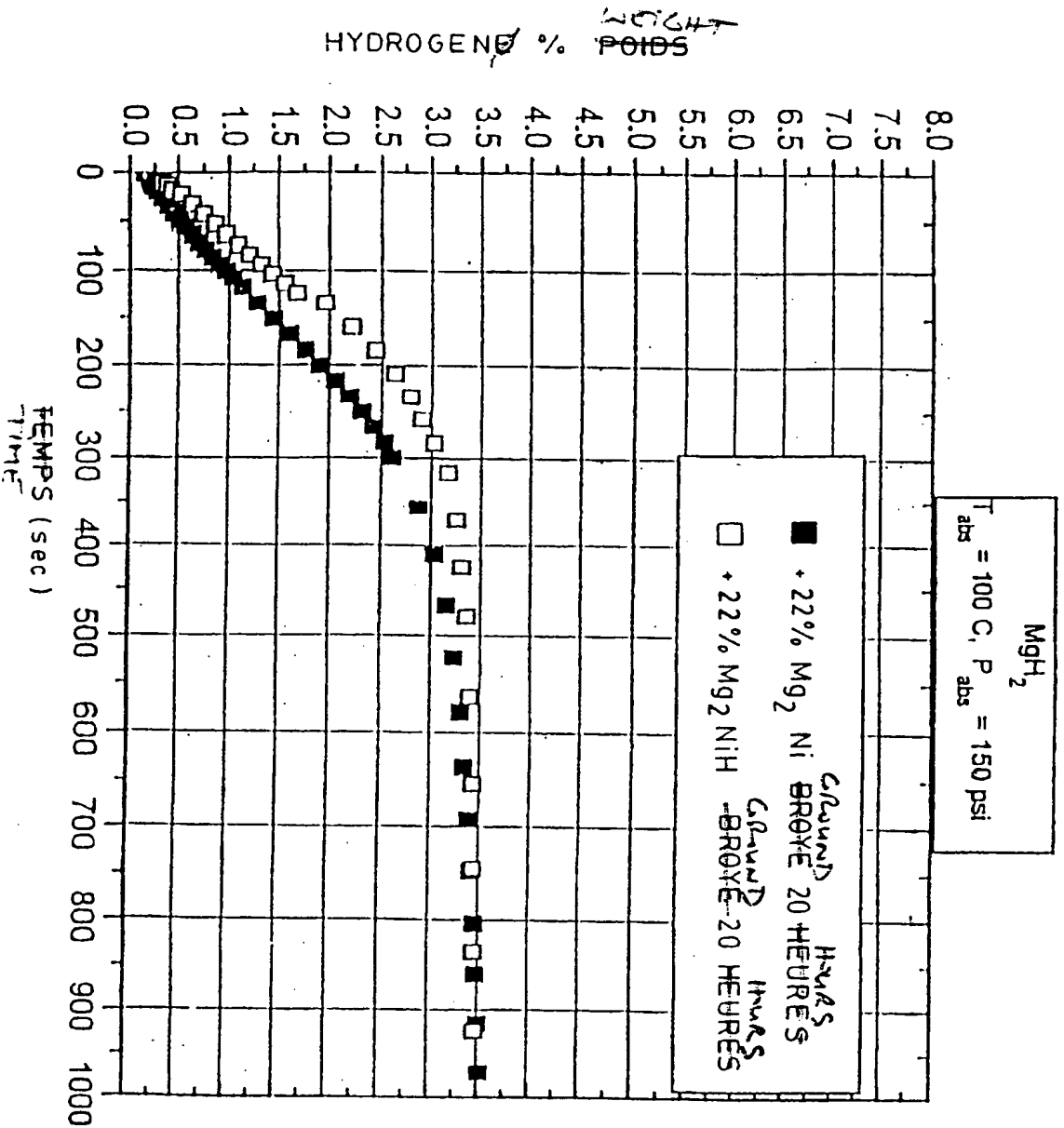


FIG. 22

09529910.062800

23 / 40

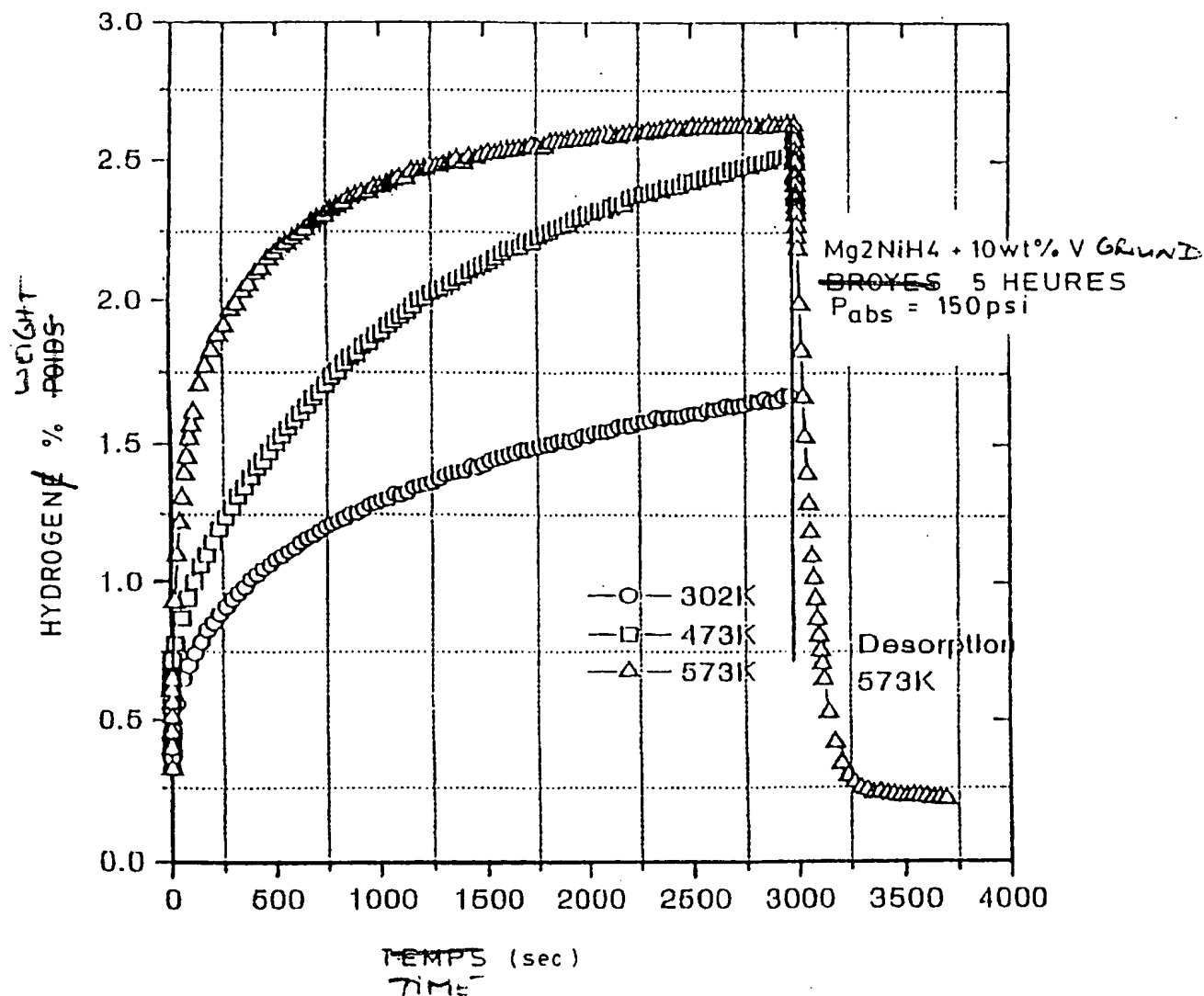
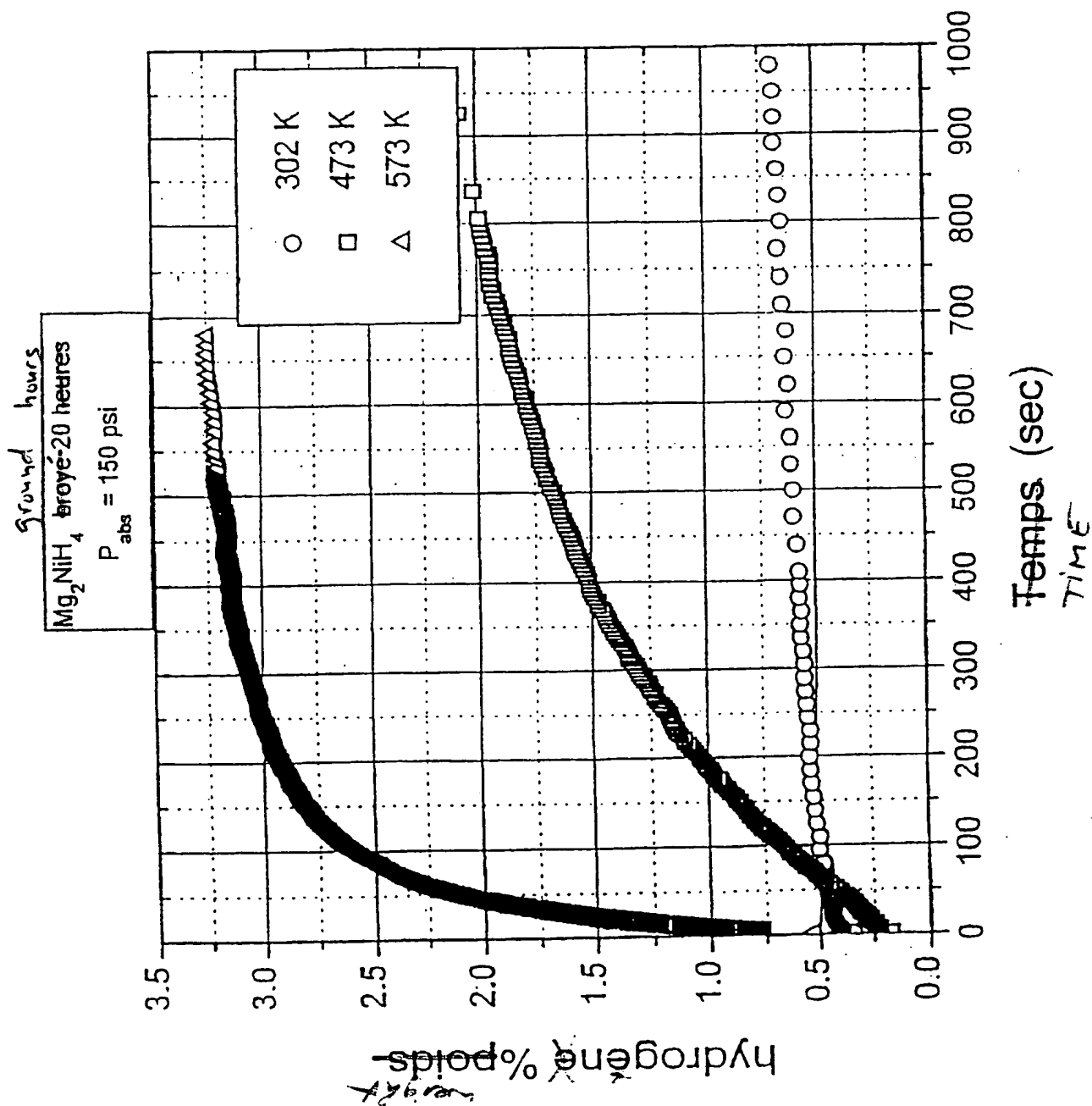


FIG. 23

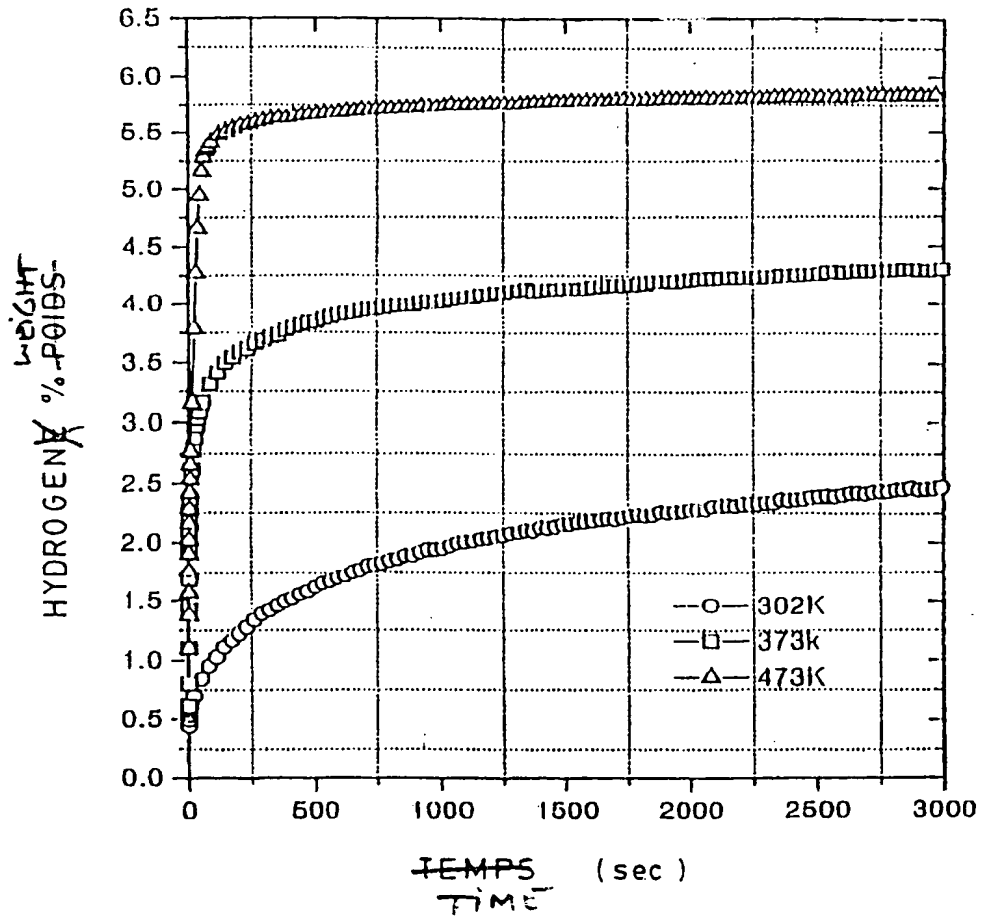
24 / 40

FIG. 24



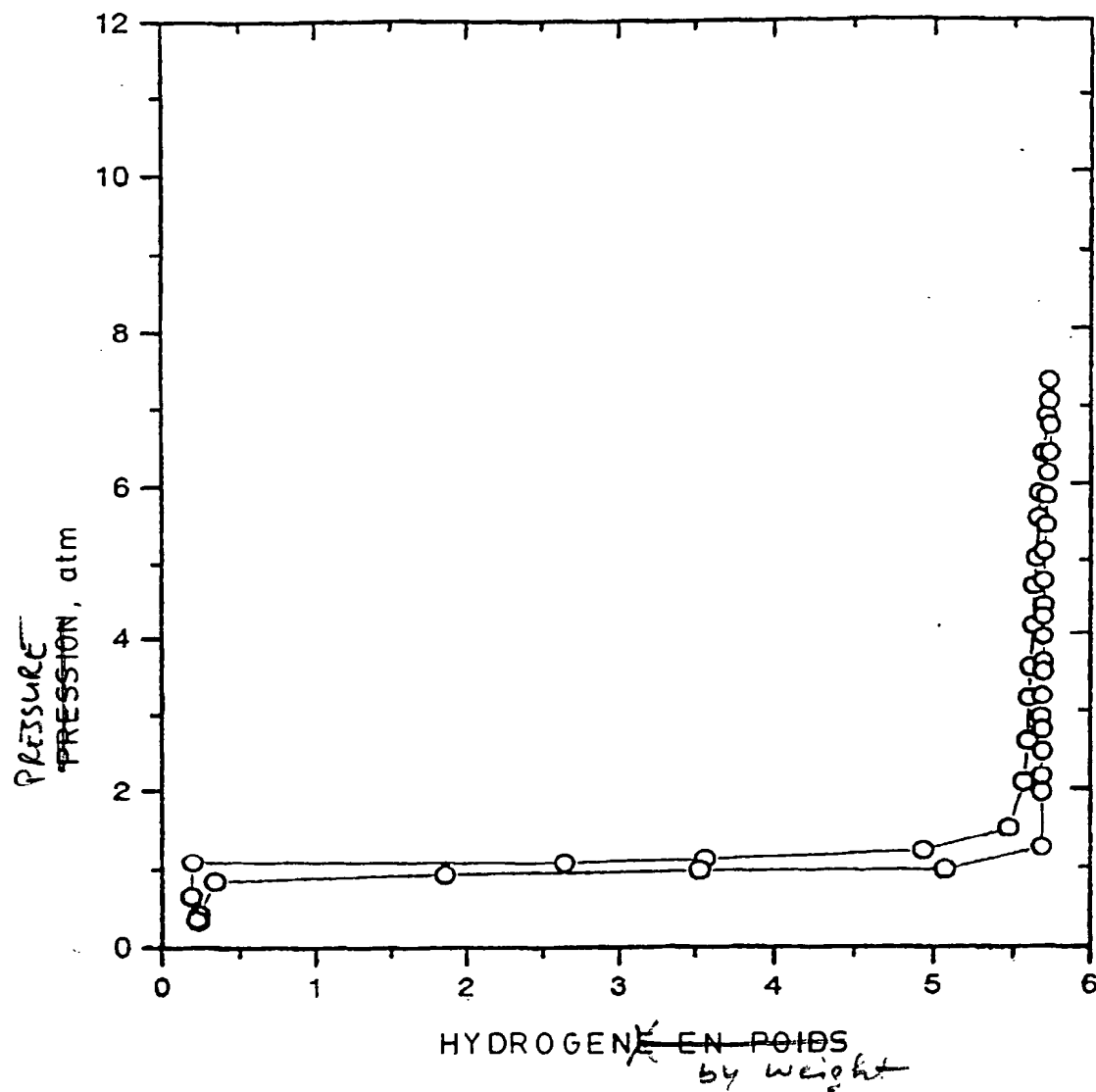
09529910-062800

25 / 40

FIG. 25

26 / 40

$\text{MgH}_2 + 10 \text{ at } \% \text{ V}$, ~~MECANIQUEMENT BROYE~~ ^{MANUALLY GROUND} (20 h)
 $T = 503 \text{ K}$

FIG. 26

27 / 40

MgH₂-5at%Tm, absorption à 302K

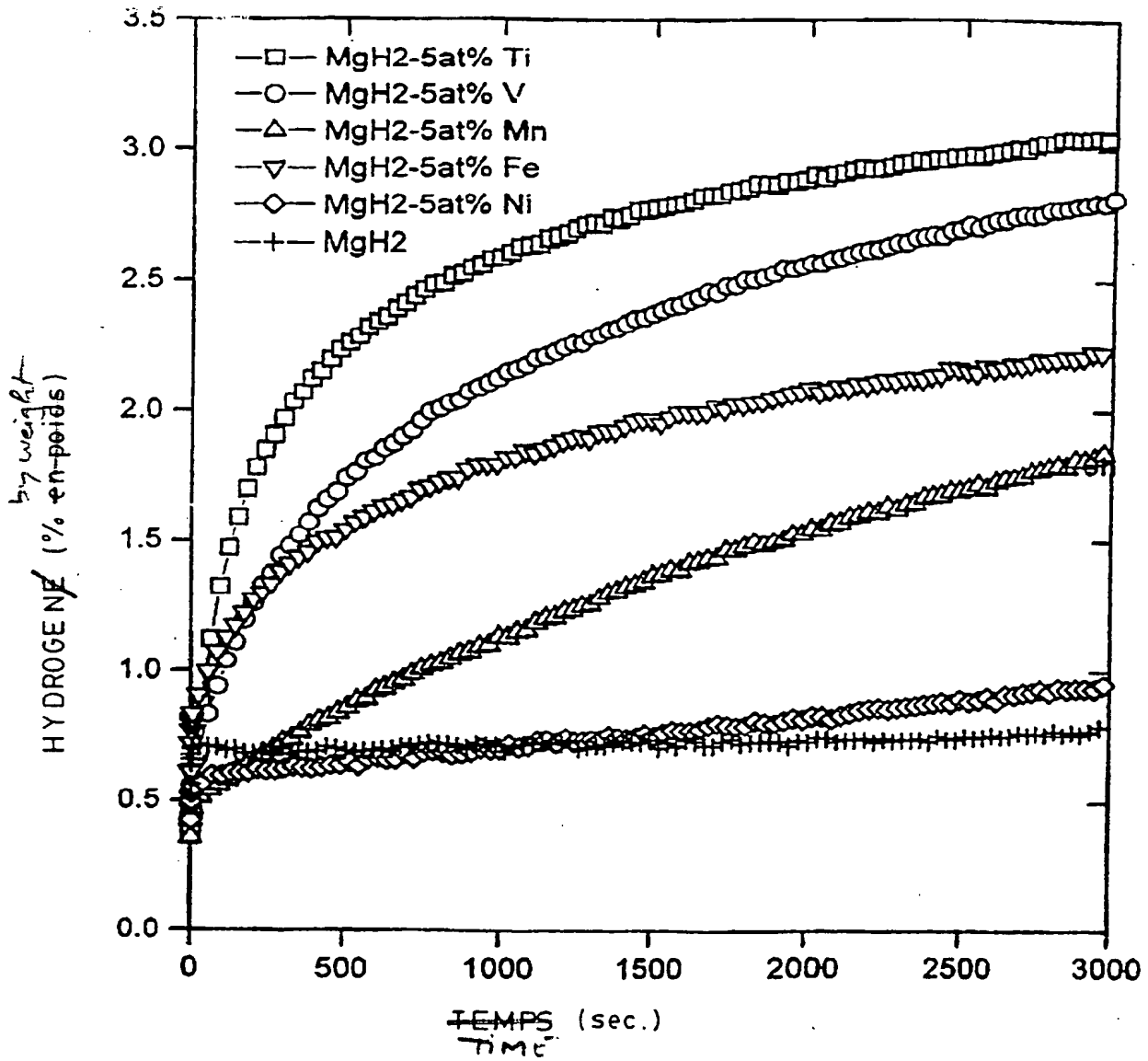


FIG. 27

28/40

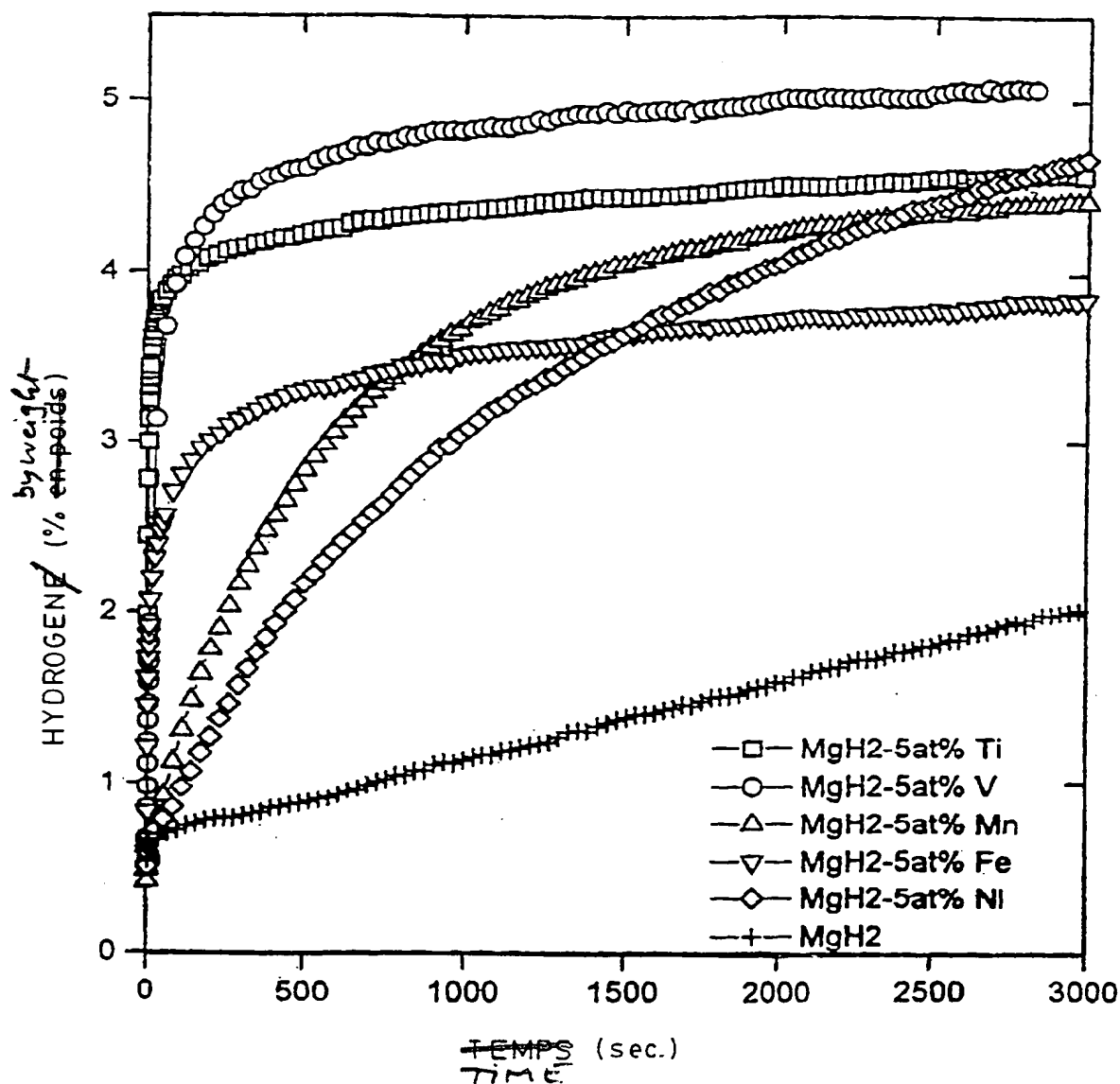
 MgH_2 -5at%Tm, absorption à 373K

FIG. 28

29 / 40

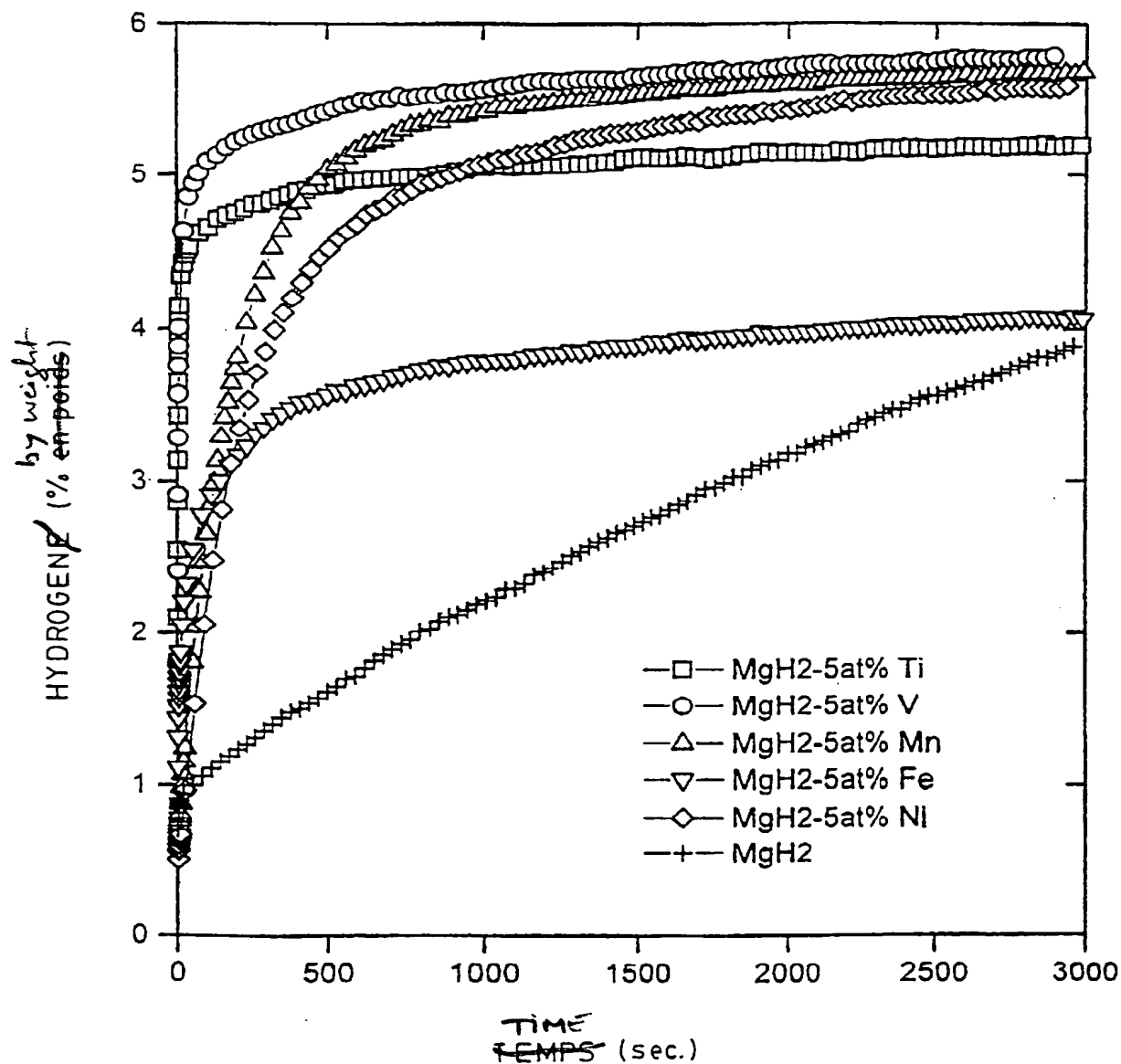
 MgH_2 -5at%Tm, absorption à 423 K

FIG. 29

30 / 40

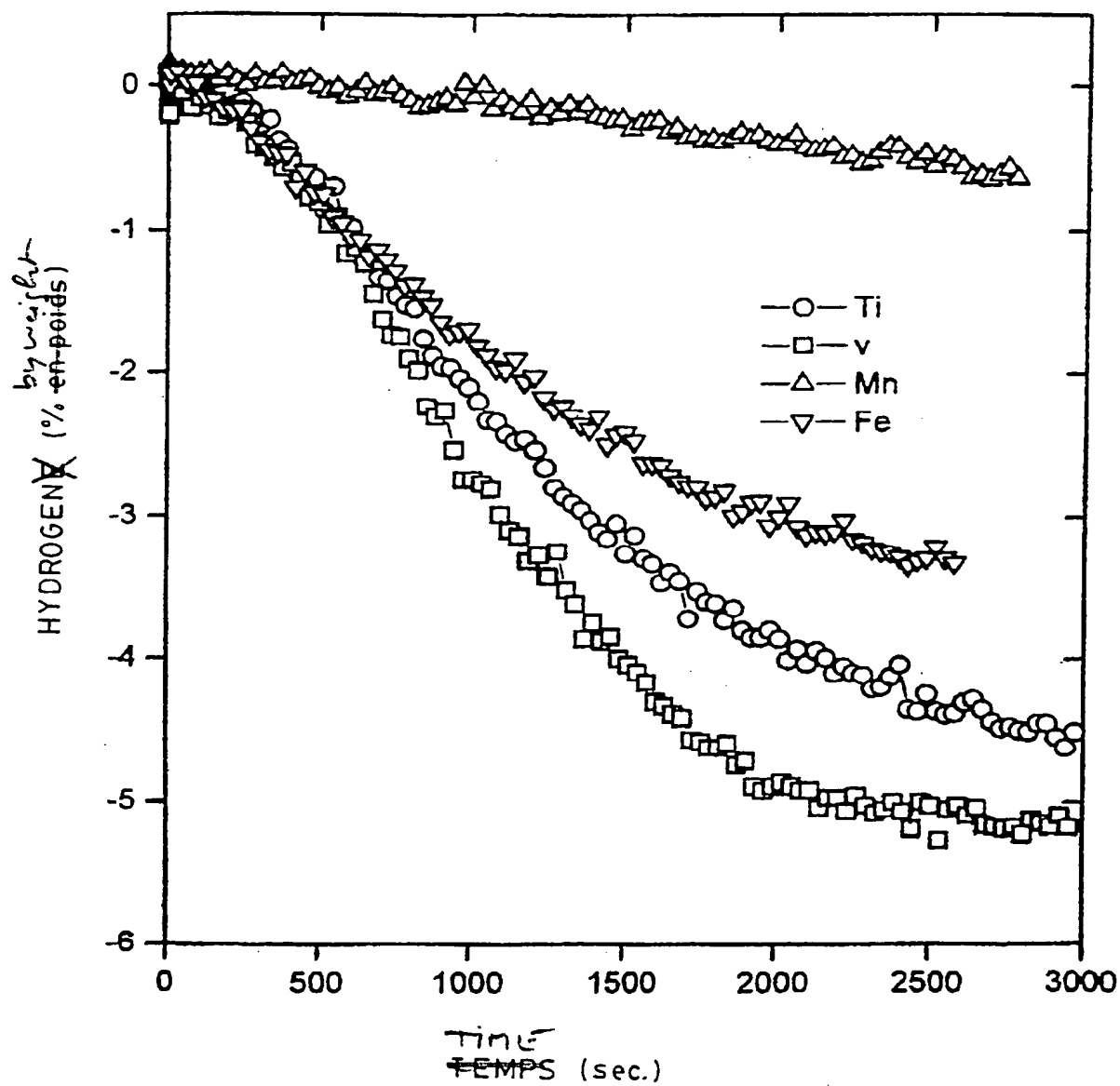
 MgH_2 -5at%Tm, désorption à 508K

FIG. 30

31 / 40

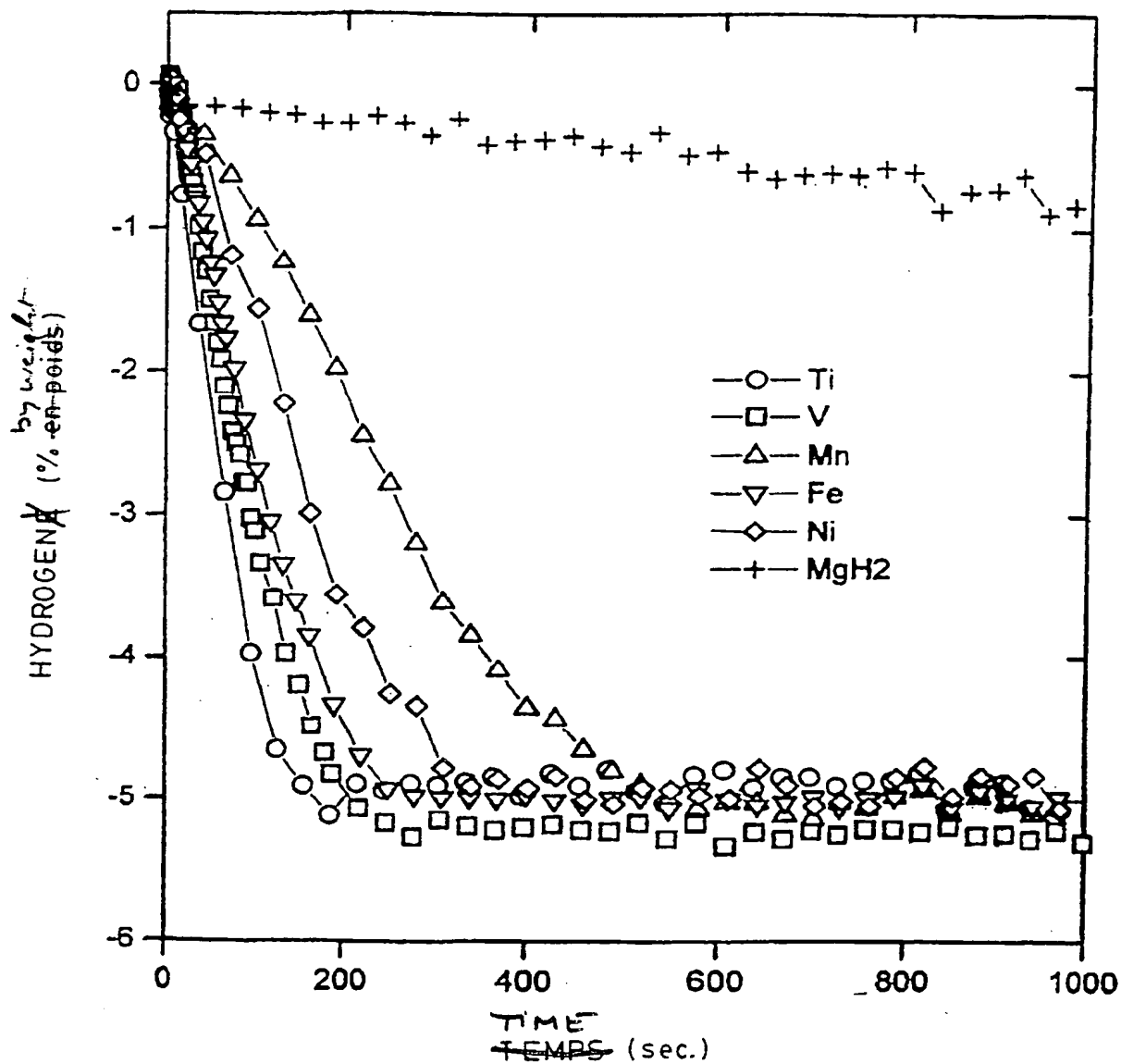
 MgH_2 -5at%Tm, desorption à 573K,

FIG. 31

32 / 40

MECHANICAL GRIND FOR
MgH₂ + 5 at % Cr BROYE-MECHANIQUEMENT PENDANT 20h
P = 150 psi

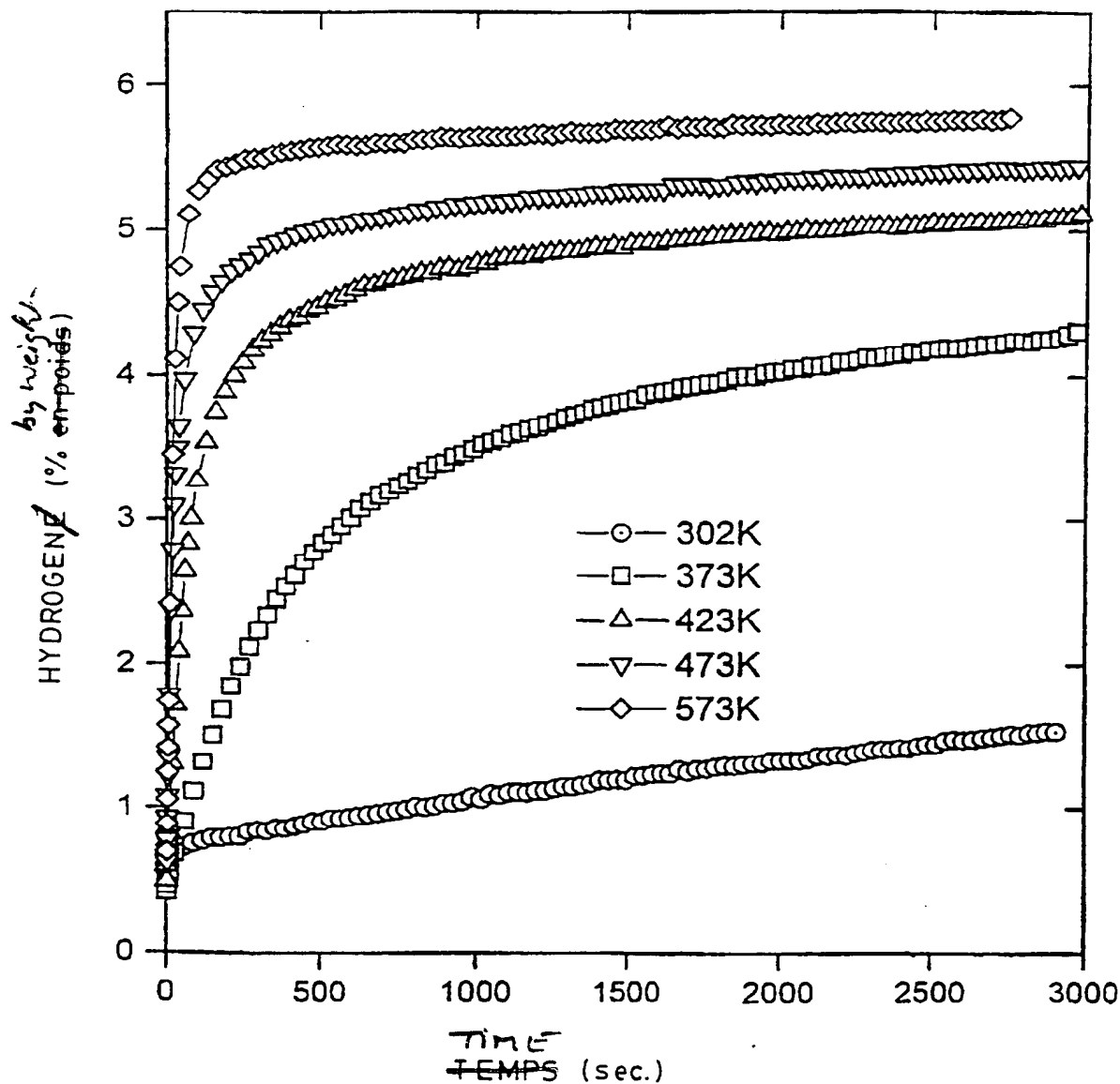


FIG. 32

33 / 40

MgH₂ + 5 at % Ca ~~MECHANICALLY GROUND FOR~~
~~BROYE MECANIQUEMENT PENDANT 20h~~
P = 150 psi

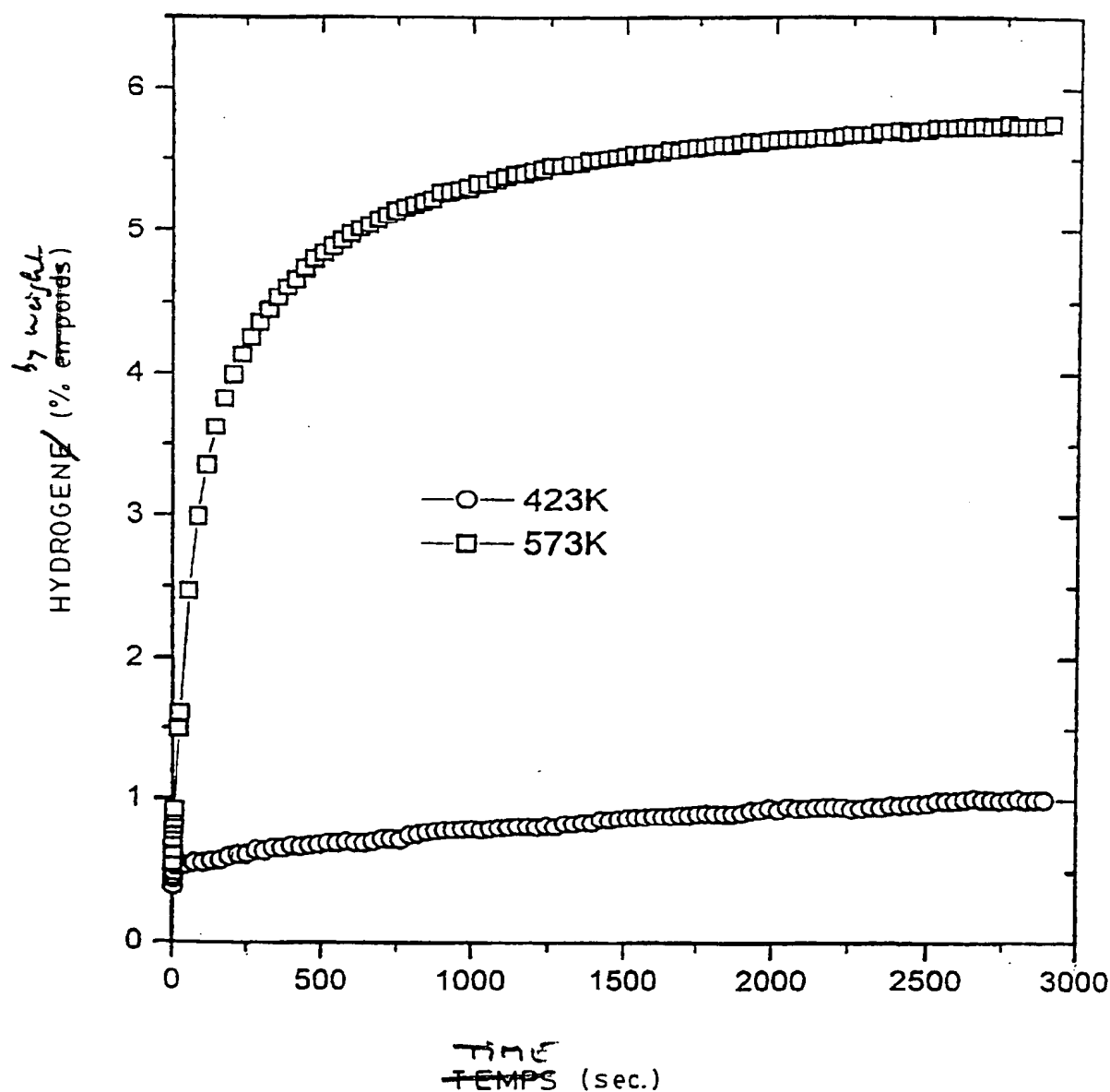


FIG. 33

34 / 40

MgH₂ + 5 at % Ce ~~MECHANICALLY GRIND FOR~~
~~DROYE MECANIQUEMENT PENDANT 20h~~
P = 150 psi

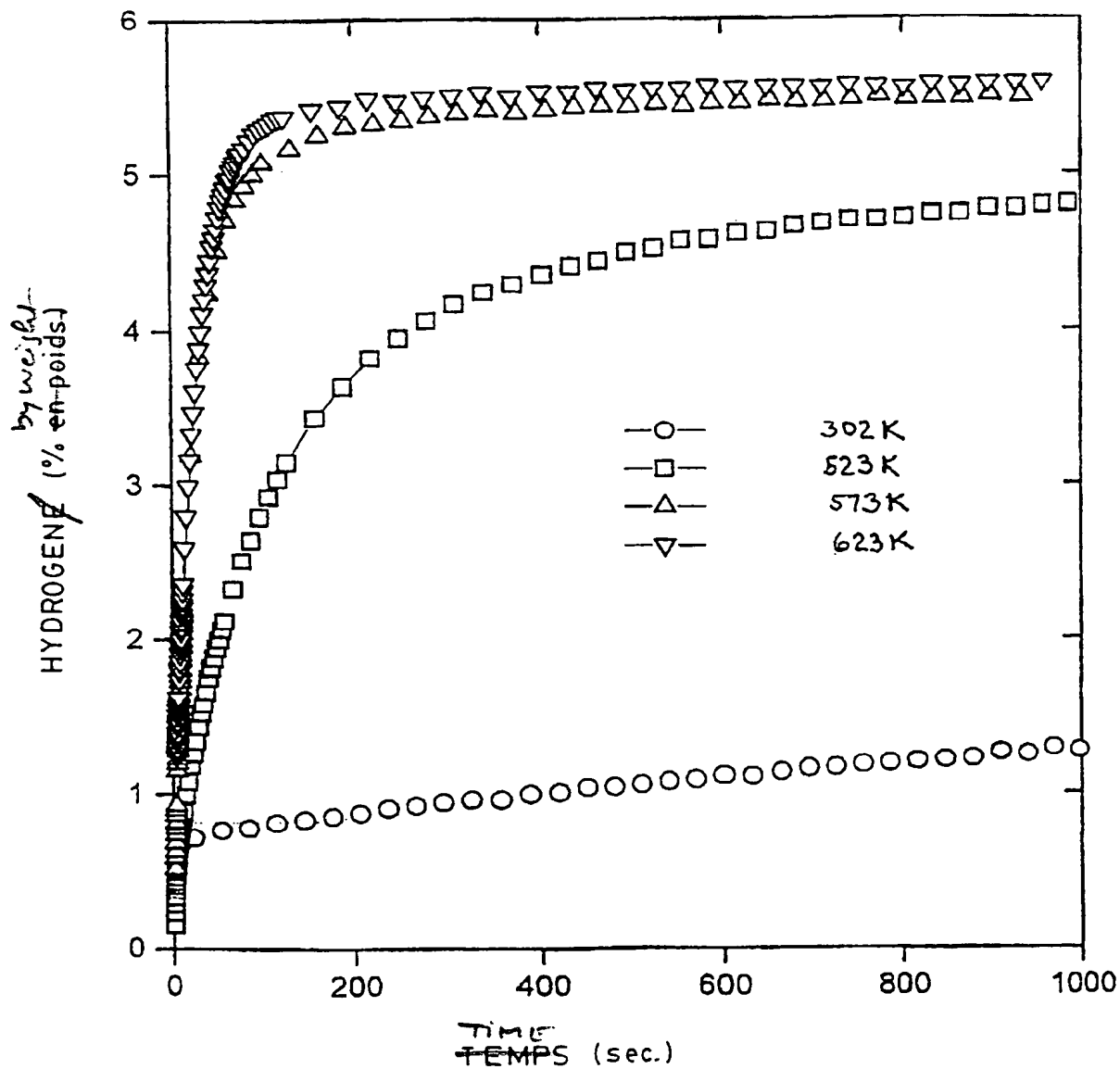


FIG. 34

35 / 40

MgH₂ + 5wt % Y, ~~MECHANICALLY GRINDING FOR~~
~~PROYE MECANIQUEMENT PENDANT 20h~~
P = 150 psi

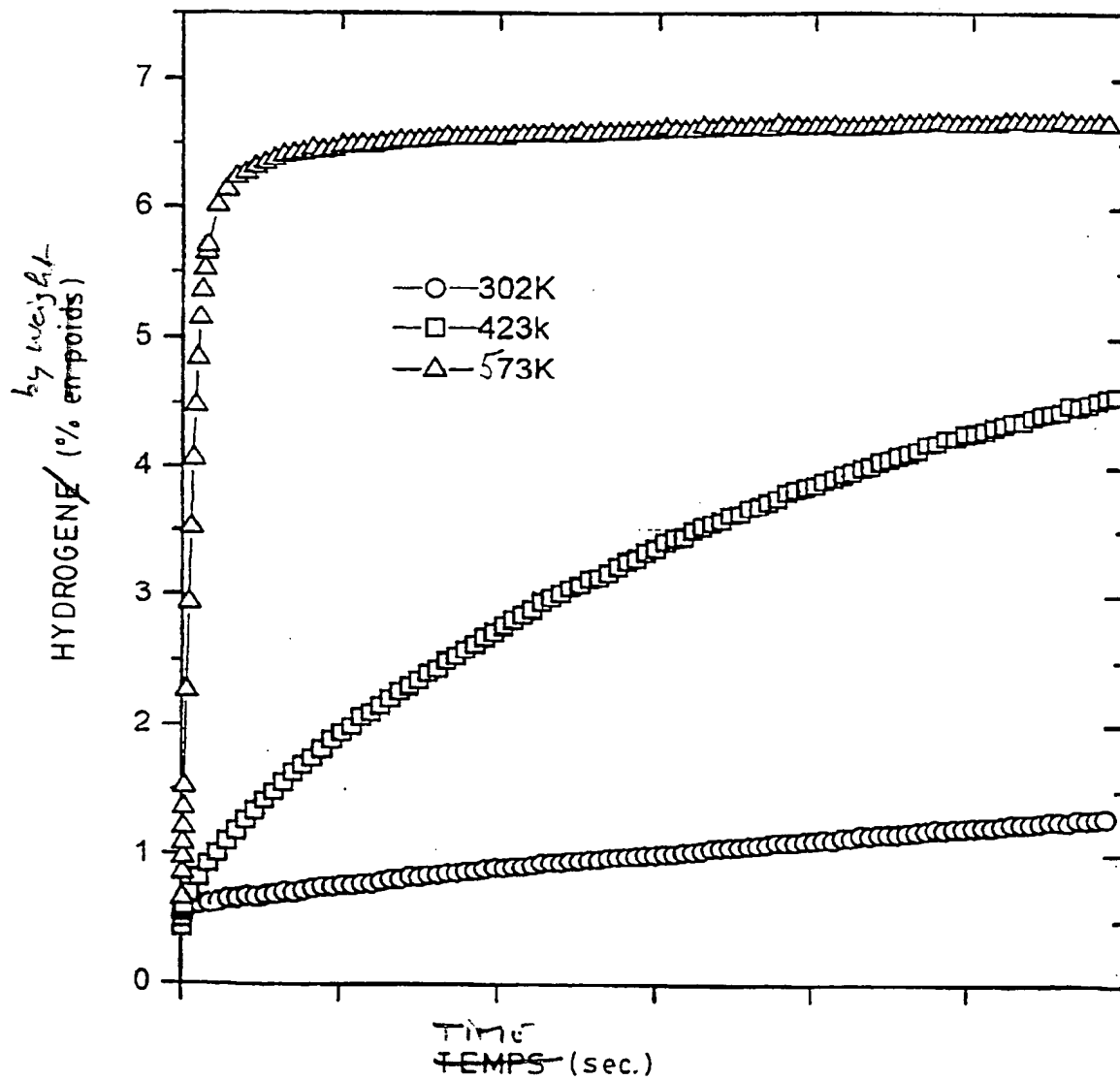


FIG. 35

36 / 40

MECHANICALLY GROUND FOR
MgH₂ + 5 at% La ~~BROYE MECANIQUEMENT PENDANT 20h~~

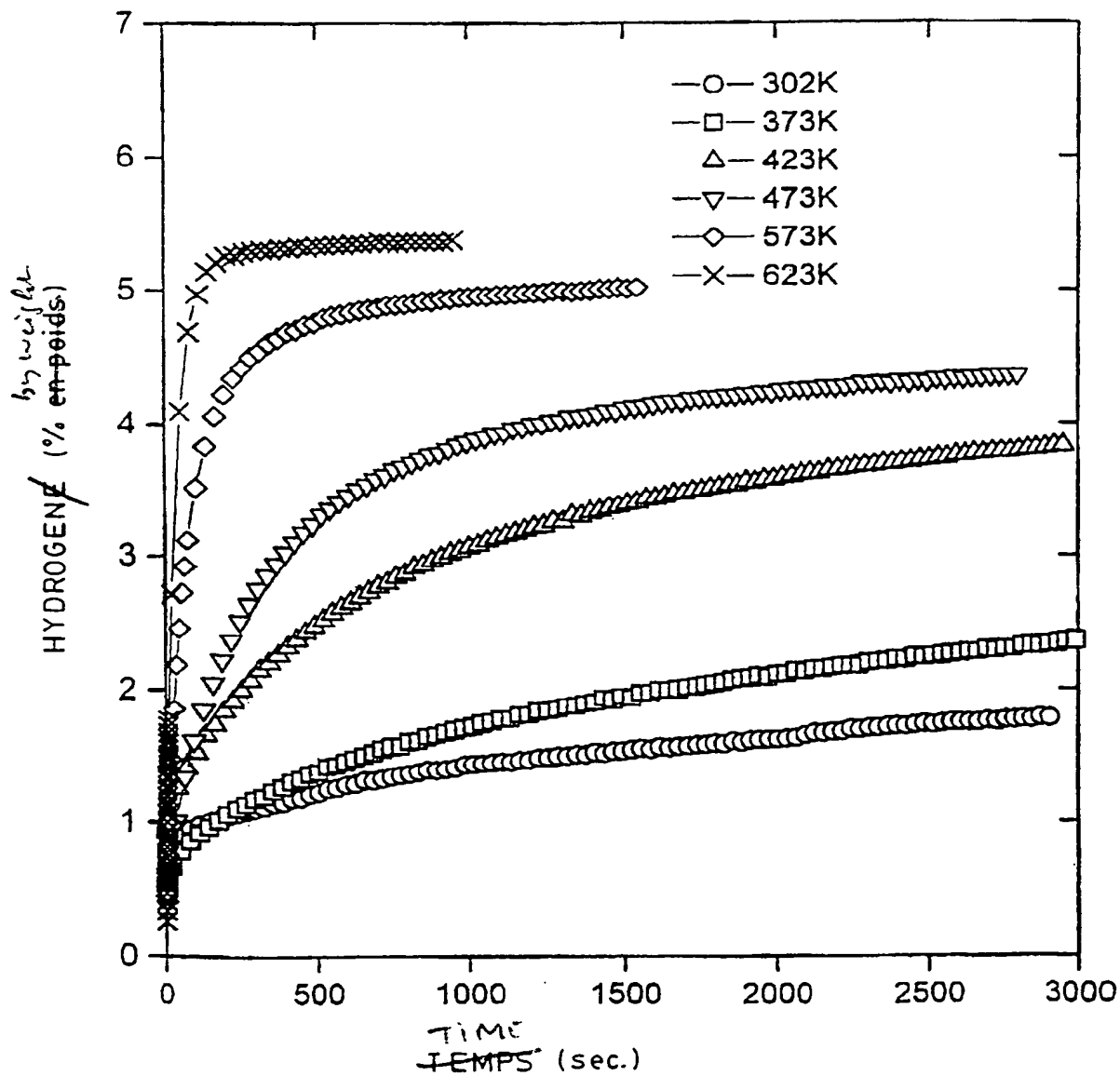


FIG. 36

37/40

MgH₂ + 5 at %Ce-5at%La ~~MECHANICALLY CROWNED FOR~~
~~BROYE MECANIQUEMENT PENDANT 20h~~
 P = 150 psi

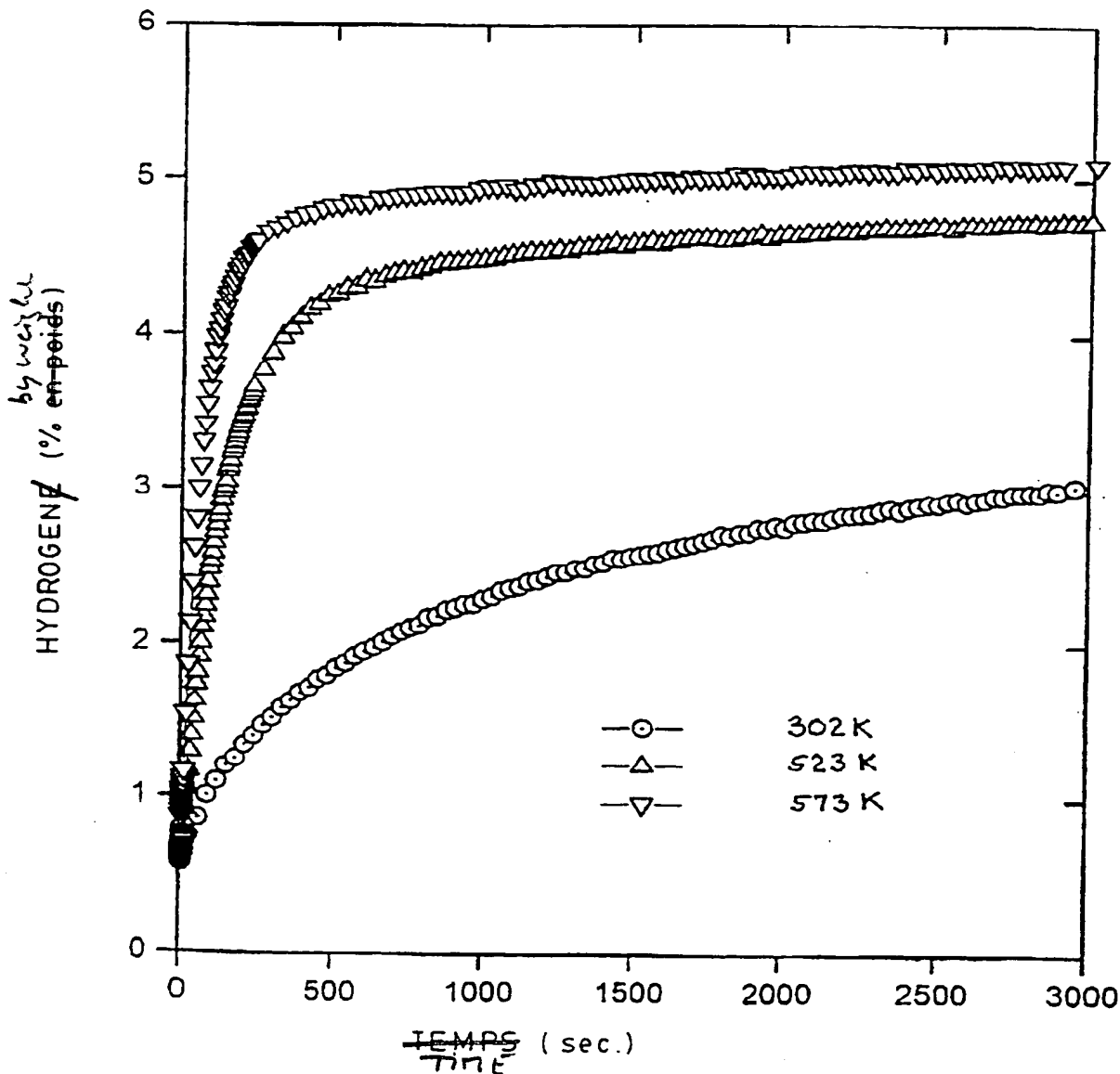


FIG. 37

00529910-062800

38 / 40

MgH₂ + 5at % Ce + 5at % La + 5at % V
P = 150 psi

MECHANICALLY GROUND
MECANIQUEMENT FOR
~~BROYE PENDANT 20 h~~

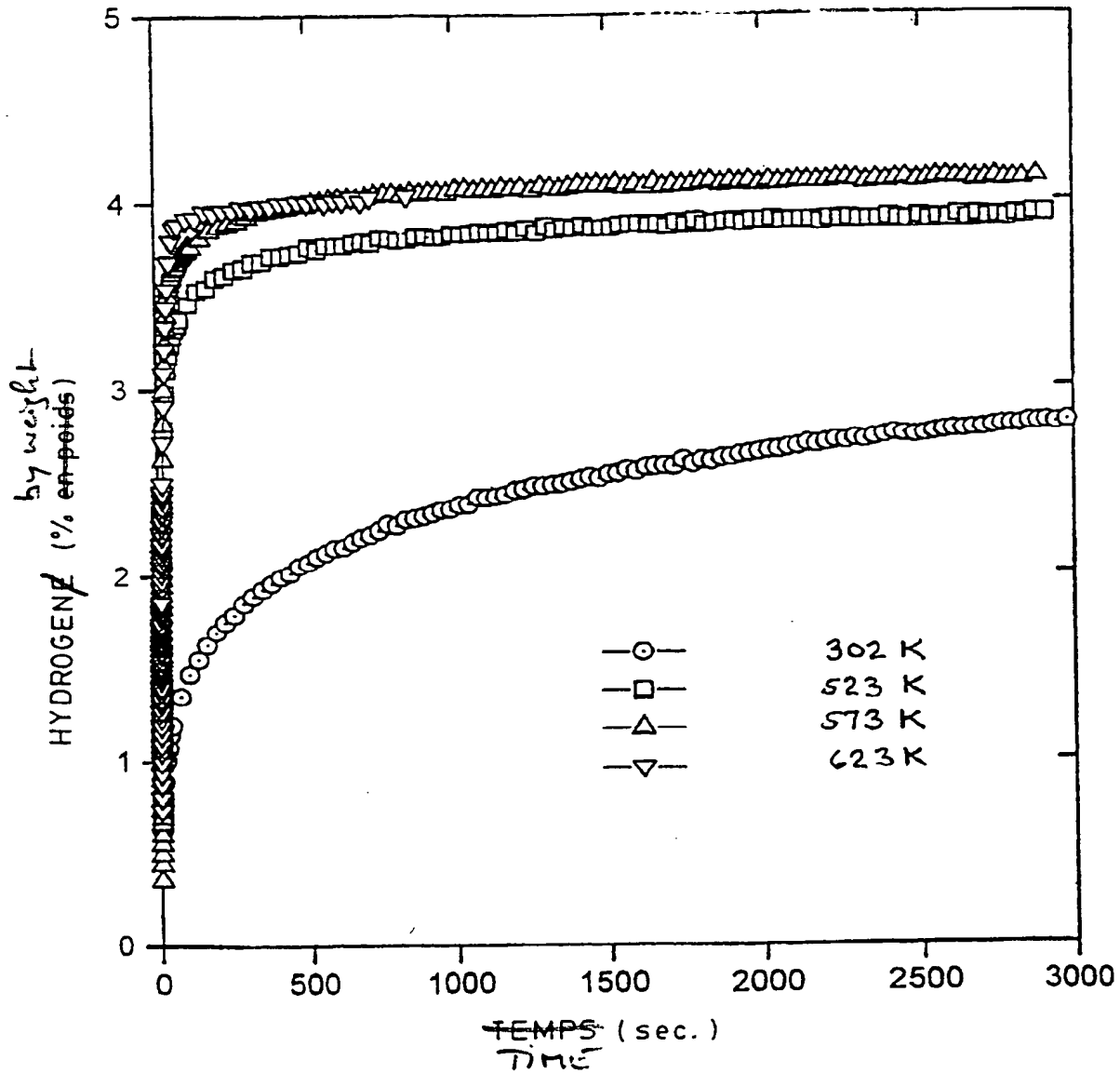


FIG. 38

39 / 40

MgH₂-7 % ^{by weight} EN POIDS V- 30% ^{by weight} EN POIDS LaNi₅ MECANIQUEMENT BROYE
P = 150 psi ^{MECHANICALLY GROUND FOR} PENDANT 20 h

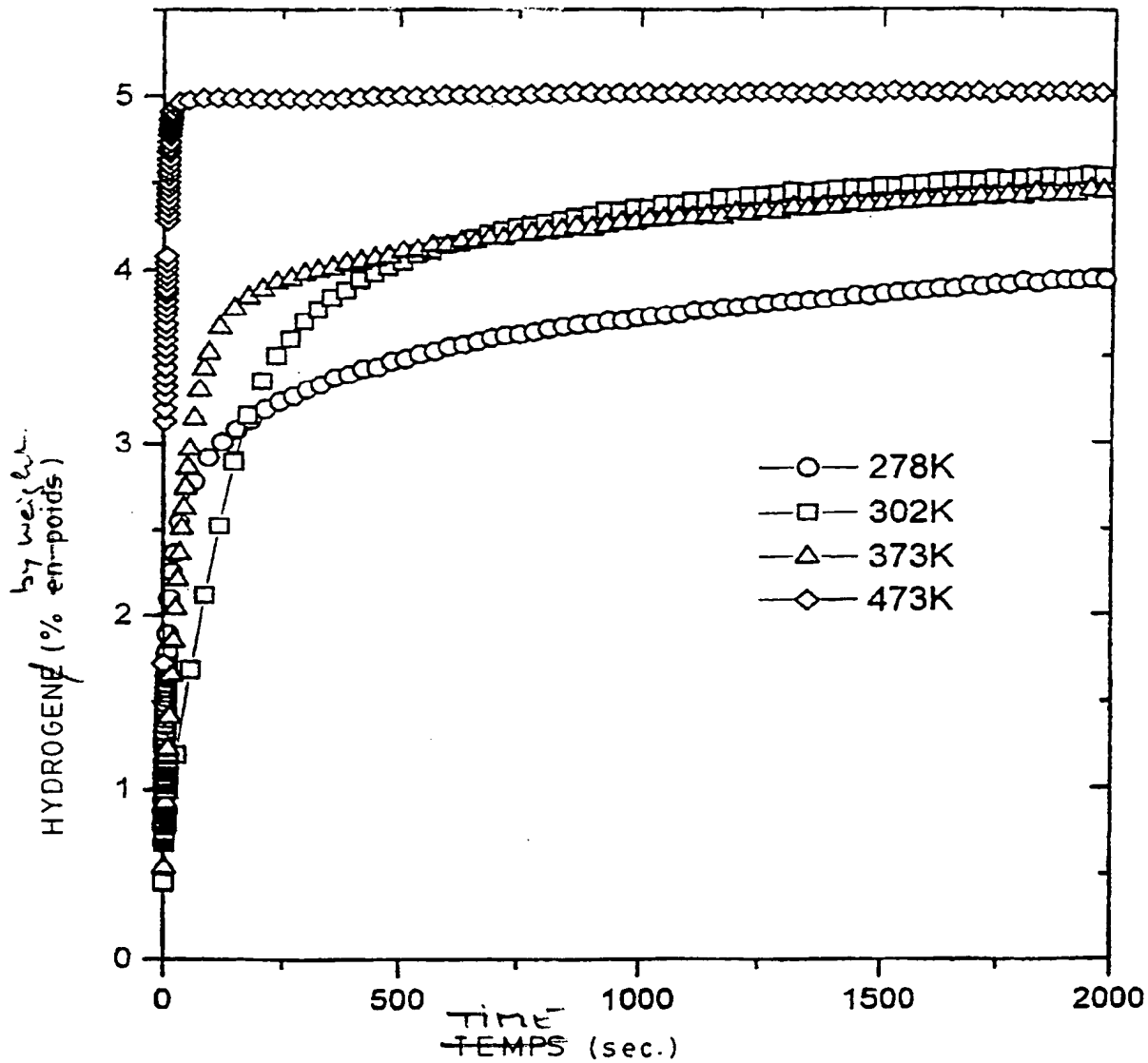


FIG. 39

40/40

DESORPTION AT 523 K

P = 0.015 MPa

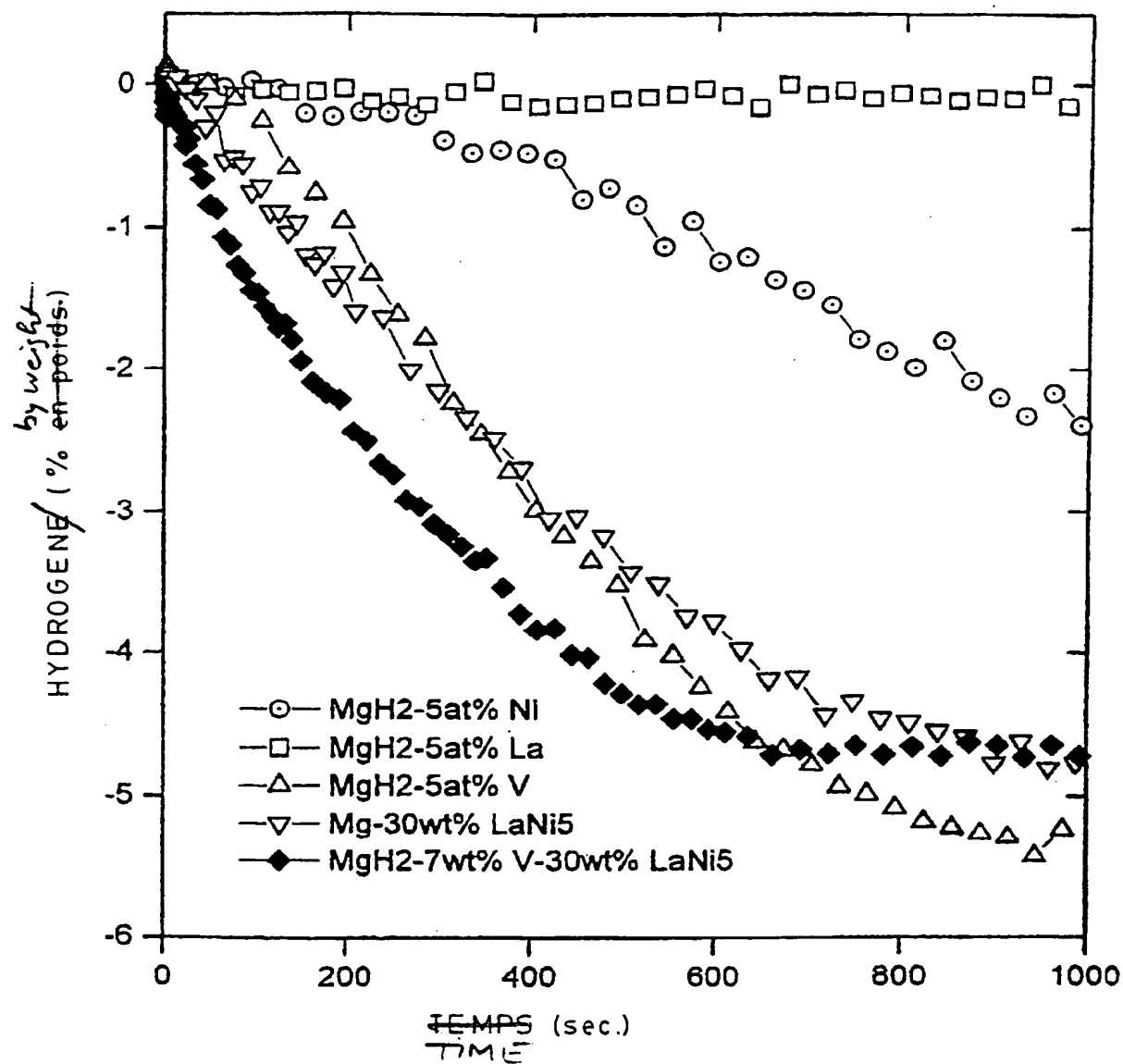


FIG. 40